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For information relating to certification marks, please see www.otto-chemie.com under the heading "Information on Certification Marks". The requirements and test criteria of the DGNB and LEED can be found on www.dgnb.de and www.german-gha.org. Please note that these companies do not evaluate our individual products, but the sustainability as a whole of each complete building project.

The information in the present document corresponds to the status quo on going to print, (refer to the index on the outside back cover). With a new edition this edition becomes invalid. Due to the many possible influences during and after application, the customer always has to carry out trials first. Please observe the respective technical data sheet! This information is available on the Internet at www.otto-chemie.com. Errors and typographical errors are excepted.

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We are OTTO



Quality creates cohesion ...for over 140 years

Founded in Berlin in 1881 by Hermann Otto as a window putty manufacturer, the company has been producing silicone sealants since the early 1960s. Adhesives based on polyurethanes, silane-terminated polymers (hybrid) and acrylates round off the product range. The sealants and adhesives are developed in OTTO's own laboratories and marketed under the brand names of OTTOCOLL® (sealants), OTTOCOLL® (adhesives) and Novasil® (industrial applications). A broad range of special products facilitates solutions to complex problems.

As a manufacturer, OTTO is synonymous with top expertise in sealing and adhesive technology in industry and trade across all sectors. With its products, most of which are premium, OTTO has done more than just secure market leadership in its sector; it is also considered a driver of innovation in many fields due to its quality and performance.

A close partnership with its customers provides the precondition for OTTO satisfying the needs of discerning customers. Sales currently occur through more than 40 field staff employees. OTTO is appreciated as a socially committed, reliable employer by its around 490 employees. Modern production plants and an attractive administration building provide the perfect working atmosphere from both a profession and social point of view, and create the best conditions for employees who are both satisfied and motivated.

With the large training rooms, the OTTO training centre offers plenty of room to hold theoretical as well as practical seminars and training sessions on all topics relating to sealants and adhesives.

OTTO is expanding its production capacities by building a new production plant. Following a construction period lasting just 18 months, the first stage of construction's fully automatic production line was commissioned on schedule in late summer 2020.

OTTO – quality creates cohesion

Product overview



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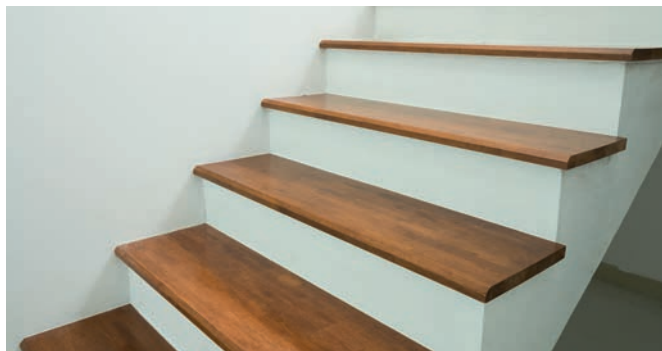
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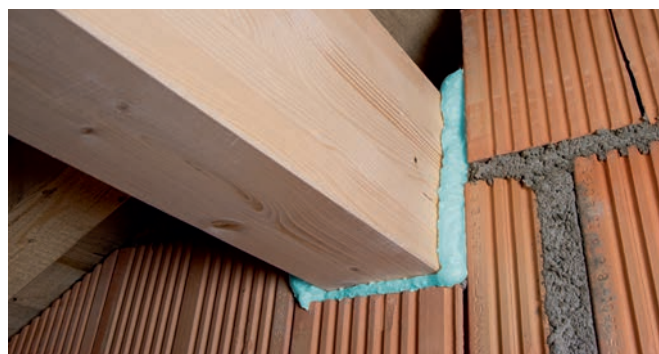
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Polyurethane

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The OTTO app

Whether iOS or Android: With the OTTO app for smartphones and tablet PCs you always have the solution to all application issues at your side. Product search, consumption calculator, colour recommendation, order, contact – and if you wish to be informed in good time about the latest news, simply activate push notifications.

[Download now via the App Store or Google Play.](#)



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The OTTO360° service package

More than sealants and adhesives

As an OTTO customer, you get more than premium quality sealants and adhesives. You also benefit from a comprehensive service package that supports you in your daily work and makes it noticeably easier. Whether it's advice, ordering and delivery or equipping our retailers on site, with our OTTO360° service package we always try to offer our customers the best possible support in all areas – from professionals for professionals.



The perfect advice

Do you have any questions about choosing the right OTTO sealant and adhesive for your application or about professional processing? The experts from our application consulting service will be happy to help you:

☎ +49 8684 908-5300
✉ sales.international@otto-chemie.com

Monday to Thursday: from 7:00 am – 4:00 pm
Friday: from 7:00 am – 1:00 pm



The OTTO app

Whether iOS or Android: With the OTTO app for smartphones and tablet PCs you always have the solution to all application issues at your side. Product search, consumption calculator, colour recommendation, order, contact – and if you wish to be informed in good time about the latest news, simply activate push notifications.

[Download now via the App Store or Google Play.](#)



The Adhesive Compass

Want to find the right adhesive for your application quickly and easily? No problem! Simply select the substrates to be bonded as well as the type of bonding and you will be recommended the right adhesives for your application.

www.klebstoff-kompass.de





The OTTO Colour Tables

For a visually flawless end result of your work, the selection of the appropriate colour shade is crucial. For this purpose, we offer colour tables with original dabs of our sealants. This way you are sure to choose the right colour. For easy use directly on site, we offer our special fabricator colour tables, which can be bent and thus held directly against the hard joint for colour matching.

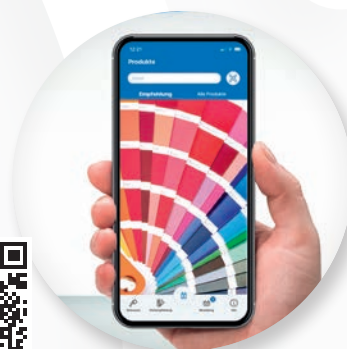


Colour recommendations for hard grout

Do you want to make sure that the hard grout harmonises perfectly with the sealant colour? We regularly test the most common hard grouts available on the market and compare them with the colours of our OTTO sealants. The recommendations on which sealant colour goes with which hard grout are available at any time on our website and in the app.

This saves you a long search and comparison and guarantees a visually perfect end result.

www.otto-chemie.com/en/colour-recommendations



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The OTTO360° service package

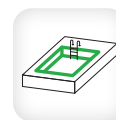
In addition to the services presented here, OTTO offers a wide range of other additional services and combines them in a diverse service package. You can find more information about this and how you can benefit from it on our website.

Bathroom and swimming pool sealants



OTTOSEAL® S18

The swimming pool silicone



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Extremely resistant to continuously wet conditions
- ▶ Resistant to chlorine and salt water
- ▶ Contains extra fungicide – High resistance to mould infestation
- ▶ Very good adhesion on many substrates even without primer (see the primer table)
- ▶ Does not cause corrosion on unprotected metal surfaces
- ▶ High resistance to notches and tearing – Resistant to high mechanical stresses
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Sealing of swimming pools and -baths as well as elastic jointing on the pool edges

Glossy colors

	310ml cartridge
grey	S18-04-C02
silk grey	S18-04-C77
transparent	S18-04-C00
white	S18-04-C01
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 14+17+31+35 (IVD = German industry association sealants)



Additional useful information

For underwater joints certain prerequisites must be met to ensure optimum adhesion: The joint width should preferably be 10 – 15 mm and joint depth should be limited to approximately 8 – 10 mm by backfilling material.

Prior to sealing, the sides of the joints must be thoroughly cleaned of loose and dusty particles, residual mortar and contamination from oily or greasy substances. The sides of the joints must also be dry because a film of moisture on the surface will act like a release agent. The joint edges should be masked. Mineral, absorbent joint sides should be treated with OTTO Primer 1218, applied undiluted to the sides, using a paintbrush. After airing the primer and injecting OTTOSEAL® S18, the sealant must be smoothed within approx. 6 minutes before a skin starts to form, using a tool moistened with OTTO smoothing agent.

Ideally, the pool should not be (re)filled until two weeks after the joints have been sealed with OTTOSEAL® S18.

After the sealant has cured completely and the pool is filled with water for the first time it should be chlorinated immediately with a 2mg/l intermittent chlorination during the first 2 days. During this time the pH value should be adjusted to between 7.0 and 7.2 to achieve the highest possible effect of the disinfectant. For operation thereafter the concentration of free chlorine should be 0.3 – 0.6mg/litre (warm water whirlpool 0.7 – 1.0mg/litre) and the pH value between 6.5 and 7.6 (ideally 7.0 – 7.2). The water circulation should be adjusted so that the water constantly runs over the overflow edge of the pool. Alternative methods, such as UV radiation or ozonisation do not have sufficient sustained-release-effect to prevent a fungus attack.

- ▶ The colour **adria blue** is on stock in OTTOSEAL® S70/S140. A wide OTTOSEAL® S70/S140 colour range is available for natural stone applications in permanently wet areas.

S100

★★★★★
PREMIUM

OTTOSEAL® S100

The premium bathroom silicone



1-component silicone sealant based on acetate

For indoor and outdoor application



Characteristics

- ▶ Excellent workability properties – Excellent smoothing and modelling capabilities
- ▶ Excellent weathering, ageing and UV-resistance
- ▶ Contains fungicide and bacteriostatic – Resistant to mould and bacteria
- ▶ Available in matte colours – Harmonises perfectly with matte surfaces

Fields of application

- ▶ Sealing of expansion and connection joints in floor and wall areas
- ▶ Sealing expansion and connection joints in bathroom areas
- ▶ Sealing double glazings/glass modules



































Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested according to EN 15651 – Part 2: G CC 25 LM
- ▶ Tested according to EN 15651 – Part 3: XS 1
- ▶ Tested according to EN 15651 – Part 4: PW INT 12.5 E
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ Quality seal of the IVD (Industrial association for sealants, registered society), tested by the ift Rosenheim (Institute of window engineering, registered society)
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ According to regulation (EG) no. 1907/2006 (REACH)
- ▶ Suitable for applications according to IVD instruction sheet no. 3-1+3-2+14+31+35 (IVD = German industry association sealants)





Glossy colors

	300 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag
agate grey	S100-03-C62	on request	on request
almond brown	S100-03-C1104	on request	on request
alu	S100-03-C14	on request	on request
anemone	S100-03-C22	on request	on request
anthracite	S100-03-C67	on request	on request
asphalt grey	S100-03-C808	on request	on request
bahamabeige	S100-03-C10	on request	on request
bali	S100-03-C21	on request	on request
basalt	S100-03-C1105	on request	on request
beach beige	S100-03-C1106	on request	on request
bermuda	S100-03-C25	on request	on request
black	S100-03-C04	on request	on request
bowe	S100-03-C6777	on request	on request
brown	S100-03-C05	on request	on request
caramel	S100-03-C09	on request	on request
cement grey 31	S100-03-C706	on request	on request
chestnut	S100-03-C1082	on request	on request
chinchilla	S100-03-C45	on request	on request
concrete grey	S100-03-C56	S100-07-C56	on request
cottojoint	S100-03-C75	on request	on request
crocus-blue	S100-03-C753	on request	on request
curry	S100-03-C19	on request	on request
deer brown	S100-03-C07	on request	on request
fair graphite	S100-03-C1168	on request	on request
fair grey no. 21	S100-03-C501	on request	on request
fiery red	S100-03-C35	on request	on request
flannel grey	S100-03-C72	S100-07-C72	on request
flash grey	S100-03-C787	on request	on request
fog	S100-03-C230	S100-07-C230	on request
grey	S100-03-C02	S100-07-C02	on request
grey 15	S100-03-C776	on request	on request
grey red	S100-03-C1010	on request	on request
grey white	S100-03-C70	on request	on request
intense brown	S100-03-C7117	on request	on request
jasmin	S100-03-C08	on request	on request
joint grey	S100-03-C71	S100-07-C71	on request
joint white	S100-03-C69	on request	on request
light grey	S100-03-C38	on request	on request
manhattan	S100-03-C43	S100-07-C43	on request
melba	S100-03-C1169	on request	on request
Pieces per packaging unit	20	20	20
Pieces per pallet	1200	900	600

	300 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag
 middle brown	S100-03-C15	on request	on request
 mint	S100-03-C40	on request	on request
 moosgreen	S100-03-C11	on request	on request
 morning grey	S100-03-C961	on request	on request
 natural	S100-03-C55	on request	on request
 old grey	S100-03-C1170	on request	on request
 old white	S100-03-C51	on request	on request
 pale grey	S100-03-C86	on request	on request
 pergamon	S100-03-C84	on request	on request
 platinum grey	S100-03-C52	on request	on request
 red beige	S100-03-C82	on request	on request
 red brown	S100-03-C7116	on request	on request
 ruby	S100-03-C59	on request	on request
 sahara	S100-03-C103	on request	on request
 sandbeige	S100-03-C6672	on request	on request
 sand grey 18	S100-03-C2044	on request	on request
 sanitary grey	S100-03-C18	S100-07-C18	S100-08-C18
 silk	S100-03-C6778	on request	on request
 silk grey	S100-03-C77	on request	on request
 silver effect	S100-03-C510	on request	on request
 silver grey	S100-03-C94	S100-07-C94	S100-08-C94
 silver grey no. 17	S100-03-C910	on request	on request
 snow white	S100-03-C116	on request	on request
 sorrentoblue	S100-03-C42	on request	on request
 stone grey	S100-03-C79	on request	on request
 thistle grey	S100-03-C81	on request	on request
 titan grey	S100-03-C1172	on request	on request
 tobacco brown	S100-03-C1167	on request	on request
 transparent	S100-03-C00	on request	on request
 umbra	S100-03-C60	on request	on request
 vanilla beige	S100-03-C1107	on request	on request
 velvet black	S100-03-C5176	on request	on request
 volcano sand	S100-03-C6776	on request	on request
 white	S100-03-C01	S100-07-C01	on request
Pieces per packaging unit	20	20	20
Pieces per pallet	1200	900	600

Matte colors

	300 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag
 matt anthracite	S100-03-C8683	on request	on request
 matt bahamabeige	S100-03-C8685	on request	on request
 matt caramel	S100-03-C8686	on request	on request
 matt cement grey 31	S100-03-C8682	on request	on request
 matt grey	S100-03-C8680	on request	on request
 matt manhattan	S100-03-C8679	on request	on request
 matt pergamum	S100-03-C8684	on request	on request
 matt sanitary grey	S100-03-C8681	on request	on request
 matt silver grey	S100-03-C8678	on request	on request
 matt white	S100-03-C8687	on request	on request
Pieces per packaging unit	20	20	20
Pieces per pallet	1200	900	600



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.



OTTOSEAL® S 105

The bathroom silicone



1-component silicone sealant based on acetate

For indoor and outdoor application



Characteristics

- ▶ Contains fungicides – Resistance to mould infestation
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Sealing expansion and connection joints in bathroom areas
- ▶ Sealing of expansion and connection joints in floor and wall areas
- ▶ Sealing double glazings/glass modules

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested according to EN 15651 – Part 2: G CC 25 LM
- ▶ Tested according to EN 15651 – Part 3: XS 1
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ Quality seal of the IVD (Industrial association for sealants, registered society), tested by the ift Rosenheim (Institute of window engineering, registered society)
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ According to regulation (EG) no. 1907/2006 (REACH)
- ▶ Suitable for applications according to IVD instruction sheet no. 3-1+3-2+14+31+35 (IVD = German industry association sealants)



Glossy colors

	310 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag
agate grey	S105-04-C62	on request	on request
anthracite	S105-04-C67	S105-07-C67	on request
bahamabeige	S105-04-C10	S105-07-C10	on request
basalt	S105-04-C1105	on request	on request
beach beige	S105-04-C1106	on request	on request
black	S105-04-C04	on request	on request
brown	S105-04-C05	on request	on request
Pieces per packaging unit	20	20	20
Pieces per pallet	1200	900	600

	310 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag
caramel	S105-04-C09	on request	on request
cement grey 31	S105-04-C706	on request	on request
cloud grey	S105-04-C387	on request	on request
concrete grey	S105-04-C56	on request	on request
fair graphite	S105-04-C1168	on request	on request
fair grey no. 21	S105-04-C501	on request	on request
flannel grey	S105-04-C72	S105-07-C72	on request
flash grey	S105-04-C787	S105-07-C787	on request
fog	S105-04-C230	S105-07-C230	S105-08-C230
grey	S105-04-C02	S105-07-C02	on request
grey 15	S105-04-C776	on request	on request
grey white	S105-04-C70	S105-07-C70	on request
jasmin	S105-04-C08	on request	on request
joint grey	S105-04-C71	S105-07-C71	on request
light grey	S105-04-C656	on request	on request
manhattan	S105-04-C43	S105-07-C43	on request
middle brown	S105-04-C15	on request	on request
pale grey	S105-04-C86	S105-07-C86	on request
pergamon	S105-04-C84	on request	on request
platinum grey	S105-04-C52	on request	on request
sand grey 18	S105-04-C2044	on request	on request
sanitary grey	S105-04-C18	S105-07-C18	S105-08-C18
silk grey	S105-04-C77	S105-07-C77	on request
silver grey	S105-04-C94	S105-07-C94	on request
silver grey no. 17	S105-04-C910	on request	on request
snow white	S105-04-C116	on request	on request
stone grey	S105-04-C79	on request	on request
transparent	S105-04-C00	S105-07-C00	on request
white	S105-04-C01	S105-07-C01	on request
Pieces per packaging unit	20	20	20
Pieces per pallet	1200	900	600



Due to typographical reasons the colours shown below may differ from the original colours of the products.
For an exact colour display please request our original colour charts.

OTTOSEAL® S140

The hotel and spa silicone



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Highly active fungicide plus innovative OTTO Fungitect® Silver Technology – Double protection against mould infestation
- ▶ Compatible with natural stone – Does not cause greasy deposits on natural stones
- ▶ High resistance to notches and tearing – Resistant to high mechanical stresses
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Special silicone for sealing and jointing in hygiene areas with high stress on the silicone joints, e. g. in wet rooms, in public shower and bathing areas, in swimming pool complexes/leisure centres, in stadiums, gymnasiums, hospitals, thermal baths, spa areas, hotel bathrooms, etc.
- ▶ For jointing on ceramic tiles and natural stone in constantly wet areas
- ▶ Sealing of swimming pools and -baths as well as elastic jointing on the pool edges
- ▶ Sealing of expansion and connection joints in floor and wall areas

Glossy colors

	310 ml cartridge
adria blue	S140-04-C990
anthracite	S140-04-C67
grey	S140-04-C02
manhattan	S140-04-C43
sanitary grey	S140-04-C18
silk grey	S140-04-C77
snow white	S140-04-C116

Pieces per packaging unit
Pieces per pallet

20
1200



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT 25 LM/F EXT-INT CC 20 LM
- ▶ Tested according to EN 15651 – Part 3: XS 1
- ▶ Tested according to EN 15651 – Part 4: PW INT 12.5 E
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ Quality seal of the IVD (Industrial association for sealants, registered society), tested by the ift Rosenheim (Institute of window engineering, registered society)
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ According to regulation (EG) no. 1907/2006 (REACH)
- ▶ Suitable for applications according to IVD instruction sheet no. 3-1+3-2+14+17+23 +27+31+35 (IVD = German industry association sealants)



Additional useful information

Professional tips for the renovation of joints:

For a professional renovation of joints it is absolutely necessary to remove all of the sealant damaged by mould thoroughly. It is also important to remove any residue from the bottom and the sides of the joint. Having done this the joint has to be treated with an Anti-Mildew Spray to kill off any leftover fungus spores. Only now the joint can be filled again.

If these measures are not carried out accurately, the sealant, even though it contains fungicides, can be infected by mould again shortly after because the spores are still in the joint.



OTTO product tip

OTTO Natural stone smoothing agent
OTTO StainEx

p. 110
p. 114

Natural stone sealants



OTTOSEAL® S70

The premium natural stone silicone



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Compatible with natural stone according to ISO 16938-1 – Does not cause any migratory staining on natural stone
- ▶ Available in matte colours – Harmonises perfectly with matte surfaces
- ▶ Available in “structure” colours – Harmonises perfectly with surfaces that are similar to stones
- ▶ Contains fungicides – Resistance to mould infestation
- ▶ Does not cause corrosion on unprotected metal surfaces
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Sealing of expansion joints in the area of floors and walls areas
- ▶ Sealing of expansion joints in the area of facades
- ▶ Sealing expansion and connection joints in bathroom areas
- ▶ Sealing of swimming pools and -baths as well as elastic jointing on the pool edges
- ▶ For the external sealing of mirrors in connection with natural stone
- ▶ For jointing on ceramic slabs and natural stone in exterior areas
- ▶ For jointing on marble and all natural stones, e.g. sandstone, quartzite, granite, gneiss, porphyry etc. in interior and exterior areas
- ▶ Sealing of lacquered and enamelled glass
- ▶ Movement-compensating bonding of natural stone on metal, e.g. stairs on a metal construction

Standards and tests










- ▶ Tested according to EN 15651 – Part 1: F EXT-INT 25 LM/F EXT-INT CC 20 LM
- ▶ Tested according to EN 15651 – Part 3: XS 1
- ▶ Tested according to EN 15651 – Part 4: PW EXT-INT 25 LM – applies only to the matt shades of OTTOSEAL® S 70 – all other shades comply with PW INT 12,5 E
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Tested according to ISO 16938-1 of SKZ Würzburg (Testing for migratory staining of sealants on natural stone)
- ▶ Tested according to ASTM C 1248 by DL Laboratories, New York (Testing for migratory staining of sealants on natural stone)
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ Quality seal of the IVD (Industrial association for sealants, registered society), tested by the ift Rosenheim (Institute of window engineering, registered society)
- ▶ French VOC-emission class A+
- ▶ Declaration in “baubook” Austria
- ▶ According to regulation (EG) no. 1907/2006 (REACH)
- ▶ Quality assured sealant for individually manufactured all-glass showers as per RAL-GZ 657
- ▶ Suitable for applications according to IVD instruction sheet no. 1+3-1+9+14+17+23 +25+27+30+31+35 (IVD = German industry association sealants)



Glossy colors

	310 ml cartridge	400 ml aluminium foil bag
adria blue	S70-04-C990	on request
anthracite	S70-04-C67	S70-07-C67
anthracite grey	S70-04-C137	on request
autumn grey	S70-04-C1108	on request
bahamabeige	S70-04-C10	S70-07-C10
black	S70-04-C04	on request
brown	S70-04-C05	on request
chinchilla	S70-04-C45	on request
concrete grey	S70-04-C56	S70-07-C56
dark green	S70-04-C37	on request
fair blue structure	S70-04-C44	on request
fair grey structure	S70-04-C109	on request
flash grey	S70-04-C787	on request
fog	S70-04-C230	on request
galaxy	S70-04-C4720	on request
graphite black	S70-04-C1391	on request
grey blue structure	S70-04-C47	on request
grey red structure	S70-04-C41	on request
jasmin	S70-04-C08	on request
joint grey	S70-04-C71	on request
joint grey structure	S70-04-C110	on request
labrador blue	S70-04-C1390	on request
light grey	S70-04-C38	on request
manhattan	S70-04-C43	S70-07-C43
night grey	S70-04-C1109	on request
pearl grey	S70-04-C80	on request
pergamon	S70-04-C84	on request
red beige	S70-04-C82	on request
sand red structure	S70-04-C32	on request
sandstone beige	S70-04-C1110	on request
sanitary grey	S70-04-C18	S70-07-C18
silver green structure	S70-04-C34	on request
stainless steel	S70-04-C197	on request
sunset	S70-04-C26	on request
thistle grey structure	S70-04-C111	on request
transparent	S70-04-C00	S70-07-C00
white	S70-04-C01	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	900

Matte colors

	310 ml cartridge	400 ml aluminium foil bag
 matt anthracite	S70-04-C1300	on request
 matt anthracite grey	S70-04-C6116	on request
 matt bahamabeige	S70-04-C6115	on request
 matt black	S70-04-C6114	on request
 matt concrete grey	S70-04-C6113	on request
 matt jasmin	S70-04-C6117	on request
 matt manhattan	S70-04-C1282	on request
 matt sanitary grey	S70-04-C6111	on request
 matt white	S70-04-C6112	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	900



Due to typographical reasons the colours shown below may differ from the original colours of the products.
For an exact colour display please request our original colour charts.



OTTO product tip

OTTO Natural stone smoothing agent
OTTO StainEx

p. 110
p. 114



OTTOSEAL® S 80

The low odour natural stone silicone



1-component silicone sealant based on alkoxy, neutral cross-linking

For indoor and outdoor application



Characteristics

- ▶ Low odour – No odour nuisance
- ▶ Compatible with natural stone according to ISO 16938-1 – Does not cause any migratory staining on natural stone
- ▶ Available in matte colours – Harmonises perfectly with matte surfaces
- ▶ Also available in matte sanded colours – Harmonises perfectly with matte and cementitious joint surfaces
- ▶ Contains fungicides – Resistance to mould infestation
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Sealing of expansion joints in the area of floors and walls areas
- ▶ Sealing of expansion joints in the area of facades
- ▶ Sealing expansion and connection joints in bathroom areas
- ▶ For the external sealing of mirrors in connection with natural stone
- ▶ For jointing on ceramic slabs and natural stone in exterior areas
- ▶ For jointing on marble and all natural stones, e.g. sandstone, quartzite, granite, gneiss, porphyry etc. in interior and exterior areas
- ▶ Sealing of lacquered and enamelled glass
- ▶ Movement-compensating bonding of natural stone on metal, e.g. stairs on a metal construction

Standards and tests

- ▶ Tested according to EN 15651 – Part 4: PW EXT-INT 12.5 E
- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25
- ▶ Tested according to EN 15651 – Part 3: S
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Tested according to ISO 16938-1 of SKZ Würzburg (Testing for migratory staining of sealants on natural stone)
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ Quality seal of the IVD (Industrial association for sealants, registered society), tested by the IfT Rosenheim (Institute of window engineering, registered society)
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ According to regulation (EG) no. 1907/2006 (REACH)
- ▶ Suitable for applications according to IVD instruction sheet no. 3-1+3-2+9+14+23 +25+27+30+31+35 (IVD = German industry association sealants)



Glossy colors

	310ml cartridge	400ml aluminium foil bag
anthracite	S80-04-C67	on request
anthracite grey	S80-04-C137	on request
bahamabeige	S80-04-C10	on request
light grey	S80-04-C38	on request
manhattan	S80-04-C43	on request
sanitary grey	S80-04-C18	on request
transparent	S80-04-C00	on request
white	S80-04-C01	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	900

Matte colors

	310ml cartridge	400ml aluminium foil bag
matt anthracite	S80-04-C1300	on request
matt anthracite grey	S80-04-C6116	on request
matt bahamabeige	S80-04-C6115	on request
matt black	S80-04-C6114	on request
matt jasmin	S80-04-C6117	on request
matt manhattan	S80-04-C1282	on request
matt sanitary grey	S80-04-C6111	on request
matt white	S80-04-C6112	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	900

Matt sanded colors

	310ml cartridge	400ml aluminium foil bag
matt sanded concrete grey	S80-04-C8654	on request
matt sanded jasmin	S80-04-C8652	on request
matt sanded old white	S80-04-C8656	on request
matt sanded sanitary grey	S80-04-C8650	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	900

Other units on request

Due to typographical reasons the colours shown below may differ from the original colours of the products.
For an exact colour display please request our original colour charts.



OTTO product tip

OTTO Natural stone smoothing agent
OTTO StainEx

p. 110
p. 114

OTTOSEAL® S117

The natural stone silicone



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Compatible with natural stone – Does not cause greasy deposits on natural stones
- ▶ Contains fungicides – Resistance to mould infestation
- ▶ Does not cause corrosion on unprotected metal surfaces
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Sealing of expansion joints in wall and façade areas
- ▶ Sealing expansion and connection joints in bathroom areas
- ▶ For jointing on marble and all natural stones, e.g. sandstone, quartzite, granite, gneiss, porphyry etc. in interior and exterior areas

Standards and tests

- ▶ Tested according to EN 15651 – Part 3: XS 1
- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 20 LM
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 3-1+3-2+14+23+25 +27+31+35 (IVD = German industry association sealants)

Glossy colors

	310ml cartridge	400ml aluminium foil bag
anthracite	S117-04-C67	S117-07-C67
bahamabeige	S117-04-C10	S117-07-C10
black	S117-04-C04	on request
buxy	S117-04-C4098	on request
concrete grey	S117-04-C56	S117-07-C56
jasmin	S117-04-C08	on request
manhattan	S117-04-C43	S117-07-C43
pearl grey	S117-04-C80	on request
sandstone beige	S117-04-C1110	on request
sanitary grey	S117-04-C18	S117-07-C18
transparent	S117-04-C00	on request
white	S117-04-C01	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	900

Matte colors

	310ml cartridge	400ml aluminium foil bag
matt anthracite	S117-04-C1300	on request
matt bahamabeige	S117-04-C6115	on request
matt black	S117-04-C6114	on request
matt manhattan	S117-04-C1282	on request
matt sanitary grey	S117-04-C6111	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	900



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.



OTTO product tip

OTTO Natural stone smoothing agent
OTTO StainEx

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p. 114

Expansion and connection joint sealants



OTTOSEAL® A 205

The premium acrylic sealant

1-component acrylic sealant

For indoor and outdoor application



Characteristics

- ▶ Permissible movement capability according to ISO 9046 (manufacturer's test) 18 % – Suitable also for large joint movements
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ No yellowing/greying
- ▶ Good UV-resistance – Long durability in exposed areas
- ▶ Compatible with coatings according to DIN 52452 – No interaction with existing and adjacent coatings
- ▶ Frost-resistant – Can be stored and transported in temperatures as low as -10 °C for up to 48 hours

Fields of application

- ▶ Sealing of connection joints in the base, wall and ceiling areas, such as on window sills and shutter casings
- ▶ Sealing connection joints in outdoor areas

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT 12.5 P
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ Quality seal of the IVD (Industrial association for sealants, registered society), tested by the ift Rosenheim (Institute of window engineering, registered society)
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ According to regulation (EG) no. 1907/2006 (REACH)
- ▶ Suitable for applications according to IVD instruction sheet no. 12+16+20+29+31+32 +35 (IVD = German industry association sealants)



	310 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag
black	A205-04-C04	on request	on request
brown	A205-04-C05	on request	on request
concrete grey	A205-04-C56	on request	A205-08-C56
white	A205-04-C01	A205-07-C01	A205-08-C01
Pieces per packaging unit	20	20	20
Pieces per pallet	1200	900	880



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.



Additional useful information

OTTOSEAL® A 205 should be processed at surface temperatures ranging between +5 °C and +35 °C. Curing takes longer than usual at lower temperatures. This may lead to crack formation in the sealant caused by stress owing to changes to the lengths of the adjacent components before curing has been completed. Also at high temperatures there is the risk of an alteration caused by the thermal changes. If the components cool down too much shortly after the joint is formed, the sealant may be subject to a strong

extension or compression which the still thin skin of the sealant cannot compensate.

Direct exposure to water owing to rain or draining water must be avoided during application and curing of OTTOSEAL® A 205 until a firm skin has formed on its surface. Once completely cured, OTTOSEAL® A 205 is resistant to rain and temperature-stable from -20 °C to +80 °C. It must be borne in mind that all dispersion acrylates contain water and are therefore sensitive to frost until fully cured.

A 210

OTTOSEAL® A 210

The painters' acrylic

1-component acrylic sealant

For indoor and outdoor application



Characteristics

- ▶ 10 % permissible movement capability as per ISO 9046 (manufacturer's test)
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ No yellowing/greying
- ▶ Compatible with coatings according to DIN 52452 – No interaction with existing and adjacent coatings
- ▶ Frost-resistant – Can be stored and transported in temperatures as low as -10 °C for up to 48 hours

Fields of application

- ▶ Sealing of connection joints in the base, wall and ceiling areas, such as on window sills and shutter casings

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT 7.5 P
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 12+20+29+31+32 +35 (IVD = German industry association sealants)

	300 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag
white	A210-03-C01	on request	A210-08-C01
Pieces per packaging unit	20	20	20
Pieces per pallet	1200	900	880

No special colours possible.

Due to typographical reasons the colours shown below may differ from the original colours of the products.

A 215

SPECIAL

OTTOSEAL® A 215

The grainy crack and repair filler

1-component acrylic crack and repair compound granular structure

For indoor and outdoor application



Characteristics

- ▶ Granular structure – Adapts ideally to the plaster structure
- ▶ No yellowing/greying
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Good UV-resistance – Long durability in exposed areas
- ▶ Compatible with coatings according to DIN 52452 – No interaction with existing and adjacent coatings
- ▶ Frost-resistant – Can be stored and transported in temperatures as low as -10 °C for up to 48 hours

Fields of application

- ▶ For sealing/plastering masonry and plaster cracks in interior and exterior areas
- ▶ Sealing of connection joints in the base, wall and ceiling areas, such as on window sills and shutter casings

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 12+31+35 (IVD = German industry association sealants)

	310 ml cartridge
light grey	A215-04-C38
white	A215-04-C01
Pieces per packaging unit	20
Pieces per pallet	1200



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.

OTTOSEAL® A 250

The roofers' and tinsmiths' acrylic

1-component acrylic copolymer plastic sealant

For indoor and outdoor application



Characteristics



- ▶ Immediately rainproof – Processable even in rain
- ▶ Compatible with bitumen
- ▶ Also bonding to damp surfaces
- ▶ Good UV-resistance – Long durability in exposed areas
- ▶ Very good adhesion on many materials – Can be used on many materials without pretreatment
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Compatible with coatings according to DIN 52452 – No interaction with existing and adjacent coatings

Fields of application

- ▶ Sealing of joints and seams in roof areas (e.g. on chimneys, metal profiles and parapet covers)
- ▶ Sealing of bitumen coats on masonry, concrete, etc.
- ▶ Barrier of building materials containing bitumen for the subsequent silicone sealant
- ▶ Sealing of corrugated roofing tiles made from fibre cement, metal, PVC, polyester and bitumen

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Suitable for applications according to IVD instruction sheet no. 12+31+35 (IVD = German industry association sealants)

	310 ml cartridge
 black	A250-04-C04
 crystal clear	A250-04-C30
 grey	A250-04-C02
 white	A250-04-C01
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.



Additional useful information

The sealing compound for bitumen can be used to seal dormers and penetrations as a barrier against building materials containing bitumen. It functions as an alternative to PE film barriers. For this purpose a sealant bead with a minimum thickness of 3 mm is applied to the joint. Adhesion on moist, smooth, non-absorbant substrates is achieved even without using primers. The maximum joint width should not exceed 10 mm and the sealant is only suitable for joints that show little movement, due to its plastic properties.

Because of its excellent adhesive power it tends to become stringy which can be avoided by jerking the cartridge away. OTTOSEAL® A 250 remains slightly sticky; therefore face joints must be sealed afterwards with OTTOSEAL® S 110 or OTTOSEAL® S 120, which cure with non-sticky surfaces to protect the sealant surface from being soiled.

OTTOSEAL® A 250 is not suitable for Styropor® or Styrodur®, for building expansion joints, floor and skirting board joints as well as for sealants for underwater use.

OTTOSEAL® A 710

The acrylic sealant for RAL assembly inside



1-component acrylic sealant

For indoor application



Characteristics

- ▶ Low vapour permeability – Complies with the requirements of the RAL assembly guideline
- ▶ Low odour – No odour nuisance
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Permissible movement capability according to ISO 9046 (manufacturer's test) 18 % – Suitable also for large joint movements
- ▶ Frost-resistant – Can be stored and transported in temperatures as low as -10 °C for up to 48 hours

Fields of application

- ▶ For window and door mounting INSIDE
- ▶ For the permanent airtight indoor sealing of joints between windows and construction elements. Can be used in combination with the OTTO sealants OTTOSEAL® M 360/OTTOSEAL® P 720/OTTOSEAL® S 730 (for outdoor application)

310 ml cartridge 580 ml aluminium foil bag

	310 ml cartridge	580 ml aluminium foil bag
white	A710-04-C01	A710-08-C01
Pieces per packaging unit	20	20
Pieces per pallet	1200	880

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT 12.5 P
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Tested according to "Air impermeability and driving rain resistance of joints between window and construction parts after simulated short-term strain" by the ift Rosenheim, Germany (Institute for window techniques)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 9+12+24+31+35 (IVD = German industry association sealants)



OTTO product tip

OTTOSEAL® P 720
OTTOSEAL® S 730

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OTTOSEAL® M 360

The hybrid sealant for building joints

1-component hybrid polymer STP sealant

For indoor and outdoor application



Characteristics

- ▶ Good weathering and ageing resistance
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Low odour – No odour nuisance
- ▶ Silicone-free
- ▶ Free of isocyanates
- ▶ Tack-free surface after approx. 6 hours – Less risk of contamination
- ▶ Temperature resistance from -40 to +90 °C

Fields of application

- ▶ Sealing of building construction joints according to DIN 18540-F
- ▶ Sealing of joints on façades, metal constructions
- ▶ Sealing of expansion and connections joints on prefabricated concrete and cellular concrete units
- ▶ Bonding of OTTO Window Tapes BAB-V and BAB-VD on masonry, concrete, cellular concrete etc.
- ▶ For RAL assembly INDOOR and OUTDOOR
- ▶ For the permanent airtight indoor sealing and for driving-rain-resistant outdoor sealing. Suitable for joints between windows and construction elements
- ▶ Connection to a structure, e.g. connection to a window frame, doors, gates and drywall to the structure such as wall opening as well as transition areas e.g. from a concrete wall to a wooden stud wall/glass partition and tiled stoves partition.
- ▶ Closure of cracks and holes in façades and interior walls, such as in scaffolding/paintwork

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM/ISO 11600-F-25 LM
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Component test "Airtightness and driving rain resistance of a sealant system between window and structural part according to ift-guideline MO-01"
- ▶ Accumulation water – Testing according to the guideline "Building waterproofing – Connection to floor-deep windows and doors, Part 2" together with Remmers waterproofing system "Liquid waterproofing with fleece carrier"
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ According to regulation (EG) no. 1907/2006 (REACH)
- ▶ Suitable for applications according to IVD instruction sheet no. 7+9+12+19-1+20+22+24+27+29+31+32+35 (IVD = German industry association sealants)



Glossy colors

	310 ml cartridge	580 ml aluminium foil bag
basalt	M360-04-C2260	M360-08-C2260
black	M360-04-C04	M360-08-C04
brickred	M360-04-C3178	M360-08-C3178
concrete grey	M360-04-C56	M360-08-C56
dark brown	M360-04-C49	M360-08-C49
dark concrete grey	M360-04-C3172	M360-08-C3172
grey aluminium	M360-04-C5078	M360-08-C5078
light greybeige	M360-04-C537	M360-08-C537
manhattan	M360-04-C43	M360-08-C43
middle grey	M360-04-C3182	M360-08-C3182
mortar grey	M360-04-C102	M360-08-C102
RAL 7016	M360-04-C7016	M360-08-C7016
RAL 7039	M360-04-C7039	M360-08-C7039
RAL 9001	M360-04-C9001	M360-08-C9001
RAL 9016	M360-04-C9016	M360-08-C9016
sandbeige	M360-04-C3180	M360-08-C3180
white	M360-04-C01	M360-08-C01
Pieces per packaging unit	20	20
Pieces per pallet	1200	880



Due to typographical reasons the colours shown below may differ from the original colours of the products.



OTTO product tip

OTTO Window tape Vario
OTTO Window tape Vario Duo

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OTTOSEAL® M 361

The structure-hybrid sealant for building joints



1-component structured hybrid polymer STP sealant

For indoor and outdoor application



Characteristics

- › Granular structure – Adapts ideally to the plaster structure
- › Good weathering and ageing resistance
- › Can be painted and varnished – please observe application instruction in Technical Data Sheet
- › Low odour – No odour nuisance
- › Silicone-free
- › Free of isocyanates
- › Tack-free surface after approx. 6 hours – Less risk of contamination
- › Temperature resistance from -40 to +90 °C

Fields of application

- › Sealing of building construction joints according to DIN 18540-F
- › Sealing of joints on façades, metal constructions
- › Sealing of expansion and connections joints on prefabricated concrete and cellular concrete units
- › For RAL assembly INDOOR and OUTDOOR
- › For the permanent airtight indoor sealing and for driving-rain-resistant outdoor sealing. Suitable for joints between windows and construction elements
- › Connection to a structure, e. g. connection to a window frame, doors, gates and drywall to the structure such as wall opening as well as transition areas e. g. from a concrete wall to a wooden stud wall/glass partition and tiled stoves partition.
- › Closure of cracks and holes in façades and interior walls, such as in scaffolding/paintwork

Standards and tests

- › Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM/ISO 11600-F-25 LM
- › Tested fire behaviour in accordance with EN 13501: class E
- › Component test "Airtightness and driving rain resistance of a sealant system between window and structural part according to ift-guideline MO-01"
- › Accumulation water – Testing according to the guideline "Building waterproofing – Connection to floor-deep windows and doors, Part 2" together with Remmers waterproofing system "Liquid waterproofing with fleece carrier"
- › EMICODE® EC 1 PLUS – very low emission
- › French VOC-emission class A+
- › Declaration in "baubook" Austria
- › According to regulation (EG) no. 1907/2006 (REACH)
- › Suitable for applications according to IVD instruction sheet no. 7+9+12+20+22+24 +27+29+31+32+35 (IVD = German industry association sealants)



	310 ml cartridge	580 ml aluminium foil bag
concrete grey	M361-04-C56	on request
light greybeige	M361-04-C537	on request
mortar grey	M361-04-C102	on request
RAL 9016	M361-04-C9016	M361-08-C9016
sandbeige	M361-04-C3180	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	880



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.



OTTO product tip

OTTO Window tape Vario
OTTO Window tape Vario Duo

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OTTOSEAL® P 300

The PU sealant for connection joints

1-component sealant based on polyurethane

For indoor and outdoor application






Characteristics

- ▶ Silicone-free
- ▶ Compatible with coatings according to DIN 52452 – No interaction with existing and adjacent coatings
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Good weathering and ageing resistance

Fields of application

- ▶ Sealing of exterior wall joints according to DIN 18540-F
- ▶ Sealing of expansion and connections joints on prefabricated concrete and cellular concrete units
- ▶ Sealing of façades, metal constructions, window and door connections, flat roof parapets

Glossy colors

	600 ml aluminium foil bag
 concrete grey	P300-19-C56
 middle grey	P300-19-C78
 white	P300-19-C01

Pieces per packaging unit

20

Pieces per pallet

880

No special colours possible.

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Tested and monitored according to DIN 18540-F (Süddeutsches Kunststoff-Zentrum, Würzburg, Germany)
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 7+9+12+20+22+24+27+29+31+32+35 (IVD = German industry association sealants)

P 305

★★★★★
PREMIUM

OTTOSEAL® P 305

The premium PU sealant for connection joints

1-component sealant based on polyurethane

For indoor and outdoor application



Characteristics

- › Silicone-free
- › Compatible with coatings according to DIN 52452 – No interaction with existing and adjacent coatings
- › Can be painted and varnished – please observe application instruction in Technical Data Sheet
- › Good weathering and ageing resistance
- › Cures without bubble formation

Fields of application

- › Sealing of exterior wall joints according to DIN 18540-F
- › Sealing of expansion and connections joints on prefabricated concrete and cellular concrete units
- › Sealing of façades, metal constructions, window and door connections, flat roof parapets

Glossy colors

	600 ml aluminium foil bag
black	P305-19-C04
concrete grey	P305-19-C56
light grey	P305-19-C38
middle grey	P305-19-C78
mortar grey	P305-19-C102
white	P305-19-C01
Pieces per packaging unit	20
Pieces per pallet	880

No special colours possible.

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- › Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- › Tested fire behaviour in accordance with EN 13501: class E
- › Tested and monitored according to DIN 18540-F (Süddeutsches Kunststoff-Zentrum, Würzburg, Germany)
- › EMICODE® EC 1 PLUS – very low emission
- › Quality seal of the IVD (Industrial association for sealants, registered society), tested by the ift Rosenheim (Institute of window engineering, registered society)
- › French VOC-emission class A+
- › According to regulation (EG) no. 1907/2006 (REACH)
- › Suitable for applications according to IVD instruction sheet no. 7+9+12+20+22+24+27+29+31+32+35 (IVD = German industry association sealants)



OTTOSEAL® P 720

The PU sealant for RAL assembly outside

1-component sealant based on polyurethane

For outdoor application



Characteristics

- › Complies with the requirements of the RAL assembly guideline (e. g. high water vapour permeability and driving rain tightness) – Complies with tender requirements for component-tested systems and installations
- › Good weathering and ageing resistance
- › Compatible with coatings according to DIN 52452 – No interaction with existing and adjacent coatings
- › Can be painted and varnished – please observe application instruction in Technical Data Sheet
- › Silicone-free
- › Cures without bubble formation

Fields of application

- › For window and door mounting OUTSIDE
- › Water permeable sealing of external joints between windows and construction parts resistant to driving rain to be used in combination with OTTOSEAL® A 710 (for the interior application)

Glossy colors

	310 ml aluminium cartridge	580 ml aluminium foil bag
● concrete grey	P720-20-C56	on request
○ white	P720-20-C01	P720-08-C01
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

No special colours possible.

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- › Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- › Tested fire behaviour in accordance with EN 13501: class E
- › Tested according to "Air impermeability and driving rain resistance of joints between window and construction parts after simulated short-term strain" by the ift Rosenheim, Germany (Institute for window techniques)
- › EMICODE® EC 1 PLUS – very low emission
- › French VOC-emission class A+
- › Suitable for applications according to IVD instruction sheet no. 9+12+24+27+31+35 (IVD = German industry association sealants)



OTTO product tip

OTTOSEAL® A 710

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OTTOSEAL® S115

The construction silicone



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- › Excellent weathering, ageing and UV-resistance
- › Contains fungicides – Resistance to mould infestation
- › Good compatibility with paints according to DIN 52452 (not paintable) – No interaction with existing and adjacent coatings
- › Does not cause corrosion on unprotected metal surfaces

Fields of application

- › Sealing of joints on windows and doors made of wood, metal and plastic
- › Sealing of expansion and connections joints on prefabricated concrete and cellular concrete units
- › Sealing of joints on façades, metal constructions
- › Sealing expansion and connection joints in bathroom areas

Standards and tests

- › Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- › Tested according to EN 15651 – Part 3: XS 1
- › Tested fire behaviour in accordance with EN 13501: class E
- › According to the requirements of DIN 18540-F
- › French VOC-emission class A+
- › Suitable for applications according to IVD instruction sheet no. 3-1+3-2+7+9+14 +19-1+20+24+25+27+29+31+32+35 (IVD = German industry association sealants)

Glossy colors

	310 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag
alu	S115-04-C14	on request	on request
anthracite	S115-04-C67	on request	S115-08-C67
beige	S115-04-C16	on request	on request
black	S115-04-C04	on request	S115-08-C04
brown	S115-04-C05	on request	on request
concrete grey	S115-04-C56	on request	S115-08-C56
grey	S115-04-C02	on request	on request
jasmin	S115-04-C08	on request	on request
manhattan	S115-04-C43	on request	S115-08-C43
sanitary grey	S115-04-C18	S115-07-C18	S115-08-C18
silk grey	S115-04-C77	on request	S115-08-C77
silver grey	S115-04-C94	on request	S115-08-C94
transparent	S115-04-C00	S115-07-C00	S115-08-C00
white	S115-04-C01	S115-07-C01	S115-08-C01
Pieces per packaging unit	20	20	20
Pieces per pallet	1200	900	600



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.

OTTOSEAL® S730

The building joint silicone for exterior RAL assembly



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For outdoor application



Characteristics

- ▶ Complies with the requirements of the RAL assembly guideline (e. g. high water vapour permeability and driving rain tightness) – Complies with tender requirements for component-tested systems and installations
- ▶ Excellent weathering, ageing and UV-resistance
- ▶ Good compatibility with paints according to DIN 52452 (not paintable) – No interaction with existing and adjacent coatings
- ▶ Does not cause corrosion on unprotected metal surfaces
- ▶ Contains fungicides – Resistance to mould infestation

Fields of application

- ▶ For window and door mounting OUTSIDE
- ▶ Water permeable sealing of external joints between windows and construction parts resistant to driving rain to be used in combination with OTTOSEAL® A 710 (for the interior application)

Glossy colors

	310 ml cartridge	580 ml aluminium foil bag
grey	S730-04-C02	on request
white	S730-04-C01	S730-08-C01
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Tested according to "Air impermeability and driving rain resistance of joints between window and construction parts after simulated short-term strain" by the ift Rosenheim, Germany (institute for window techniques)
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 9+24+27+31+35 (IVD = German industry association sealants)



OTTO product tip

OTTOSEAL® A 710

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Floor sealants



OTTOSEAL® A 221 Parkett

The parquet joint sealant

1-component acrylic sealing compound

For indoor application



Characteristics

- ▶ Silicone-free according to DIN 18356 – No interactions with commercially available parquet coatings
- ▶ Grindable and paintable after curing – Optically flawless joint adaptation
- ▶ Store and transport frost-free















Fields of application

- ▶ Joint compound for parquet, laminate floors, wooden floor boards and cork floors
- ▶ Joint compound for floor and skirting boards, door sills and other structural components
- ▶ Joint compound for repair joints on wood

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 8+12+31+35 (IVD = German industry association sealants)

310 ml cartridge

	antique oak	A221-04-C700
	ash, pine, spruce, Eur. maple	A221-04-C105
	beech muted	A221-04-C66
	cherry	A221-04-C17
	dark oak	A221-04-C1237
	fair oak	A221-04-C64
	joint grey	A221-04-C71
	larch	A221-04-C104
	light-beech, Can. maple	A221-04-C53
	mahogany, merbau	A221-04-C29
	natural ash	A221-04-C884
	old white	A221-04-C51
	rustic oak	A221-04-C98
	teak, afrormosia	A221-04-C101

Pieces per packaging unit

20

Pieces per pallet

1200



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.

OTTOSEAL® M 390

The floor sealant

1-component hybrid polymer STP sealant

For indoor and outdoor application



Characteristics

- ▶ Very high mechanical strength, notch and tear resistance – Resistant to high mechanical stresses (e. g. to mechanical cleaning with high-pressure cleaners)
- ▶ Good resistance to influence of chemicals – Suitable for use in areas subject to heavy chemical exposure
- ▶ Very good adhesion on many materials – Can be used on many materials without pretreatment
- ▶ Cures practically without shrinkage – No reworking and no concave fillets that tend to become soiled
- ▶ Extremely elastic – Compensates movements
- ▶ Low odour – No odour nuisance
- ▶ Silicone-free
- ▶ Grindable and paintable after curing – Optically flawless joint adaptation
- ▶ Free of isocyanates
- ▶ Good weathering and ageing resistance

Fields of application

- ▶ Sealing of joints in parquet, laminate, wooden, cork, plastic and vinyl floors
- ▶ Sealing of mechanically highly loaded movement and connection joints, which are exposed to stationary loads or rolling traffic, e. g. in warehouses and production halls, workshops, yards, car washes, parking decks, underground car parks etc.
- ▶ Sealing of chemically heavily loaded floor and connecting joints, e. g. in dairies, abattoirs, beverage and food production plants, canteen kitchens, etc.
- ▶ Stress-equalising sealing of floor and connection joints in interior and exterior areas on pedestrian paths, balconies, terraces and public areas
- ▶ Sealing of movement joints between concrete slabs

Glossy colors

	310ml cartridge	580ml aluminium foil bag
ash, pine, spruce, Eur. maple	M390-04-C105	on request
bahamabeige	M390-04-C10	on request
basalt	M390-04-C2260	M390-08-C2260
beech	M390-04-C76	on request
cherry	M390-04-C17	on request
concrete grey	M390-04-C56	M390-08-C56
dark brown	M390-04-C49	on request
dark oak	M390-04-C1237	M390-08-C1237
fair oak	M390-04-C64	on request
pebble grey	M390-04-C8180	M390-08-C8180
rustic oak	M390-04-C98	on request
titan grey	M390-04-C1172	M390-08-C1172
white	M390-04-C01	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	600



Due to typographical reasons the colours shown below may differ from the original colours of the products.
For an exact colour display please request our original colour charts.

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25
- ▶ Tested according to EN 15651 – Part 4: PW EXT-INT CC 25 HM
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ Suitable for applications according to IVD instruction sheet no. 1+8+21+35 (IVD = German industry association sealants)



OTTOSEAL® S34

The floor silicone



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Very good resistance to influence of chemicals – Suitable for use in areas subject to heavy chemical exposure
- ▶ Very high mechanical strength, notch and tear resistance – Resistant to high mechanical stresses (e.g. to mechanical cleaning with high-pressure cleaners)
- ▶ High temperature resistance up to +265 °C – Suitable for special thermal requirements
- ▶ Excellent weathering, ageing and UV-resistance
- ▶ Does not cause corrosion on unprotected metal surfaces

Fields of application

- ▶ Sealing of chemically heavily loaded floor and connecting joints, e.g. in dairies, abattoirs, beverage and food production plants, canteen kitchens, etc.
- ▶ Sealing of mechanically highly loaded movement and connection joints, which are exposed to stationary loads or rolling traffic, e.g. in warehouses and production halls, workshops, yards, car washes, parking decks, underground car parks etc.

Glossy colors

	310 ml cartridge	400 ml aluminium foil bag
anthracite	S34-04-C67	on request
dust grey	S34-04-C89	on request
sanitary grey	S34-04-C18	S34-07-C18
Pieces per packaging unit	20	20
Pieces per pallet	1200	900

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Tested according to EN 15651 – Part 4: PW EXT-INT 25 LM
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 1+19-1+21+31+35 (IVD = German industry association sealants)



Additional useful information

Correct execution of floor joints depends both on correct dimensioning and on the use of a suitable sealant. Dimensioning results from the distance between joints, mechanical load and the thermal linear expansion of the building materials.

The joint width should be at least 10mm. The thickness of the sealant should be limited to a maximum of 15mm by backfilling the joints. Floor joints wider than 15mm, which are walked and driven over, should be covered with protective boards resp. be protected against mechanical damage to the sealant.

The extremely high resistance to chemicals of OTTOSEAL® S34, its very high notch-impact and tear toughness and its resistance to mechanical high pressure cleaning also contribute to its suitability for joints that are subject to a high degree of mechanical stress.

In accordance with IVD leaflet no. 1, the following dimensions apply for joints indoors and outdoors to sealants with a permitted total distortion of 25 %:

Distance between joints	Width of joints in indoor areas	Depth of joints in indoor areas
2,0m	10mm	10mm
4,0m	10mm	10mm
6,0m	10mm	10mm

Distance between joints	Width of joints in outdoor areas	Depth of joints in outdoor areas
2,0m	10mm	10mm
4,0m	15mm	10mm
6,0m	20mm	15mm

S51

★★★★★
PREMIUM

OTTOSEAL® S51

The premium plastic floor silicone



1-component silicone sealant based on aminoxime MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Flame retardant – building material class B1 according to DIN 4102 and DIN EN ISO 4589 – Can be used under increased fire protection requirements
- ▶ Wide range of colours – Colour adapted to common floor coverings (e.g. PVC, rubber and linoleum)
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Sealing of floor and connection joints for plastic and design floor coverings made of rubber, linoleum, vinyl and PVC
- ▶ Sealing of similar and dissimilar working materials such as glass, stainless steel, aluminium and some plastics

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested according to EN 15651 – Part 4: PW EXT-INT CC 25 LM
- ▶ Tested according to DIN 4102-B1 – hardly inflammable between solid mineral building materials (wood research at the Munich Technical University)
- ▶ Tested according to DIN EN ISO 4589-2:1999 Plastics – Definition of the fire-behaviour due to the oxygen index (Bodycote Warringtonfire)
- ▶ Tested for applications in the cleanroom sector by the Institute for Hygiene Gelsenkirchen, Germany
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 1+11+31+35 (IVD = German industry association sealants)

Glossy colors

	310ml cartridge
agate grey	S51-04-C62
anthracite	S51-04-C67
aqua	S51-04-C1042
bahamabeige	S51-04-C10
black	S51-04-C04
blue grey	S51-04-C1671
brilliant blue	S51-04-C958
brown	S51-04-C05
brown red	S51-04-C1063
cherry	S51-04-C17
clay	S51-04-C1053
cloud grey	S51-04-C1670
cream beige	S51-04-C1043
cream white	S51-04-C7148
Pieces per packaging unit	20
Pieces per pallet	1200

310 ml cartridge

crema	S51-04-C1657
dark brown	S51-04-C49
deep sea blue	S51-04-C983
doussie, pear tree	S51-04-C85
dove blue	S51-04-C964
fair oak	S51-04-C64
flash grey	S51-04-C787
lime green	S51-04-C7699
melon	S51-04-C1044
orangina	S51-04-C1129
oxide red	S51-04-C1131
pale brown	S51-04-C1062
pastel blue	S51-04-C982
pastel green	S51-04-C1008
pastel yellow	S51-04-C1056
patina green	S51-04-C1112
pearl grey	S51-04-C1662
pine	S51-04-C5128
pure white	S51-04-C1646
rustic oak	S51-04-C98
saffron yellow	S51-04-C1049
sahara	S51-04-C103
sandstone grey	S51-04-C979
signal white	S51-04-C1651
stone grey	S51-04-C79
taupe	S51-04-C1667
thistle grey	S51-04-C81
titan grey	S51-04-C1172
tomato	S51-04-C1066
transparent	S51-04-C00
violet	S51-04-C1116
white	S51-04-C01

Pieces per packaging unit
Pieces per pallet

20
1200



Due to typographical reasons the colours shown below may differ from the original colours of the products.
For an exact colour display please request our original colour charts.



OTTOSEAL® S125

The low-odour floor and sanitary silicone



1-component silicone sealant based on alkoxy, neutral cross-linking

For indoor and outdoor application



Characteristics

- ▶ Low odour – No odour nuisance
- ▶ Contains fungicides – Resistance to mould infestation
- ▶ Available in matte colours – Harmonises perfectly with matte surfaces
- ▶ Does not cause corrosion on unprotected metal surfaces
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Sealing of floor and connection joints for plastic and design floor coverings made of rubber, linoleum, vinyl and PVC, as well as laminate, cork and wood
- ▶ Sealing expansion and connection joints in bathroom areas
- ▶ For the external sealing of mirrors in connection with materials such as ceramic, metal, glass etc.
- ▶ Sealing of joints on windows and doors made of wood, metal and plastic
- ▶ Sealing of façades, parapet elements, roller blind housings and metal building constructions
- ▶ Sealing of movement joints between concrete slabs
- ▶ Sealing wooden and decorative worktops

Standards and tests




















- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested according to EN 15651 – Part 3: XS 1
- ▶ Tested according to EN 15651 – Part 4: PW INT 12.5 E
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ Suitable for applications according to IVD instruction sheet no. 1+3-1+7+8+9+14 +19-1+20+24+25+27+29+31+32 (IVD = German industry association sealants)



Glossy colors

	310 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag
alu	S125-04-C14	on request	on request
anthracite	S125-04-C376	S125-07-C376	on request
anthracite grey	S125-04-C137	S125-07-C137	on request
basalt grey	S125-04-C8339	on request	on request
black	S125-04-C04	on request	on request
brown	S125-04-C05	on request	on request
concrete grey	S125-04-C6216	S125-07-C6216	on request
dark oak	S125-04-C83	on request	on request
fair jasmin	S125-04-C112	S125-07-C112	on request
fair oak	S125-04-C64	on request	on request
joint white	S125-04-C69	on request	on request
linsey grey	S125-04-C433	S125-07-C433	on request
manhattan	S125-04-C43	S125-07-C43	on request
RAL 7047	on request	S125-07-C7047	on request
RAL 9001	S125-04-C9001	S125-07-C9001	on request
sanitary grey	S125-04-C18	S125-07-C18	S125-08-C18
silver grey	S125-04-C94	S125-07-C94	on request
snow white	S125-04-C116	S125-07-C116	on request
stone grey	S125-04-C8337	on request	on request
transparent	S125-04-C00	on request	S125-08-C00
transparent grey	S125-04-C284	S125-07-C284	on request
white	S125-04-C01	S125-07-C01	S125-08-C01
Pieces per packaging unit	20	20	20
Pieces per pallet	1200	900	600

Matte colors

	310 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag
 matt anthracite grey	S125-04-C6831	S125-07-C6831	on request
 matt ash	S125-04-C8134	on request	on request
 matt basalt grey	S125-04-C8340	on request	S125-08-C8340
 matt beech	S125-04-C7111	on request	on request
 matt black	S125-04-C7112	on request	S125-08-C7112
 matt brown	S125-04-C1416	on request	on request
 matt buxy	S125-04-C8725	on request	on request
 matt chestnut	S125-04-C7114	on request	on request
 matt chocolate brown	S125-04-C6569	on request	on request
 matt dark oak	S125-04-C7104	on request	on request
 matt fair brown	S125-04-C7094	on request	on request
 matt fair jasmin	S125-04-C8336	on request	on request
 matt fair oak	S125-04-C7105	on request	on request
 matt linsey grey	S125-04-C6835	S125-07-C6835	on request
 matt manhattan	S125-04-C6874	on request	on request
 matt natural oak	S125-04-C8147	on request	on request
 matt oak	S125-04-C8170	on request	on request
 matt sandstone	S125-04-C8165	on request	on request
 matt sanitary grey	S125-04-C6834	S125-07-C6834	S125-08-C6834
 matt silk grey	S125-04-C7110	on request	on request
 matt silver grey	S125-04-C6645	S125-07-C6645	S125-08-C6645
 matt snow white	S125-04-C6832	S125-07-C6832	S125-08-C6832
 matt stone grey	S125-04-C8338	on request	on request
 matt vintage	S125-04-C8427	on request	on request
 matt white	S125-04-C6919	on request	S125-08-C6919
 matt white oak	S125-04-C8151	on request	on request
Pieces per packaging unit	20	20	20
Pieces per pallet	1200	900	600



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.



Fire protection and high temperature sealants



OTTOSEAL® S17

The neutral high temperature silicone



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- ▶ High temperature resistance up to +285 °C
- ▶ Does not cause corrosion on unprotected metal surfaces

Fields of application

- ▶ High temperature resistant and still elastic bonding and sealing, e. g. for cast member heating boilers, exhaust boxes, tile stoves etc.
- ▶ Also suitable for applications in automotive areas for engines and gearboxes

Glossy colors

	310ml cartridge
 red brown	S17-04-C65
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 31+35 (IVD = German industry association sealants)



Additional useful information

The difference between the two high temperature silicones, OTTOSEAL® S17 and OTTOSEAL® S25, lies in the type of curing: OTTOSEAL® S17 is a neutral curing sealant based on oxime; OTTOSEAL® S25 is an acetate curing sealant.

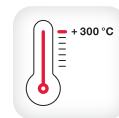
The high temperature resistance of OTTOSEAL® S17 of up to +285 °C is complemented by the fact that the sealant is non-corrosive. The high degree of Shore-A hardness of approx. 35 is also indicative of the notch-resistant properties. These combined values result in a sealant that is suitable for use in heavy-duty applications, e.g. engines and transmissions.

S 25

SPECIAL

OTTOSEAL® S25

The high temperature silicone



1-component silicone sealant based on acetate

For indoor and outdoor application



Characteristics

- ▶ High temperature resistance up to +300 °C

Fields of application

- ▶ High temperature resistant and still elastic bonding and sealing, e. g. for cast member heating boilers, exhaust boxes, tile stoves etc.
- ▶ Also suitable for applications in automotive areas for engines and gearboxes

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ UL 94 Flame Classification HB, RTI 105 °C, File No. E 176319
- ▶ Suitable for applications according to IVD instruction sheet no. 31+35 (IVD = German industry association sealants)

Glossy colors

	310 ml cartridge
red brown	S25-04-C65
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.



Additional useful information

The difference between the two high temperature silicones, OTTOSEAL® S17 and OTTOSEAL® S25, lies in the manner of curing: OTTOSEAL® S17 is a neutrally curing sealant based on oxime; OTTOSEAL® S25 is an acetate curing sealant.

The very fast curing and high adhesive power of OTTOSEAL® S25 complement its extraordinarily high longterm temperature resistance of up to +300 °C.

Please note that the silicone can be processed at temperatures between +5 °C and +40 °C. The thicker the coating, the longer the silicone takes to vulcanize. For applications with coatings thicker than 15 mm please contact our technical department.

S 54

SPECIAL

OTTOSEAL® S54

The fire protection silicone B1



1-component silicone sealant based on aminoxime MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Flame retardant – building material class B1 according to DIN 4102 and DIN EN ISO 4589 – Can be used under increased fire protection requirements
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Sealing melted asphalt screed
- ▶ Sealing and bonding of EPDM/rubber profiles
- ▶ Sealing of fire protection elements

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested according to EN 15651 – Part 4: PW EXT-INT CC 25 LM
- ▶ Tested according to DIN 4102-B1 – hardly inflammable between solid mineral building materials (wood research at the Munich Technical University)
- ▶ Tested according to DIN EN ISO 4589-2:1999 Plastics – Definition of the fire-behaviour due to the oxygen index (Bodycote Warringtonfire)
- ▶ Suitable for applications according to IVD instruction sheet no. 1+11+31+35 (IVD = German industry association sealants)

Glossy colors

	310 ml cartridge
black	S54-04-C04
grey	S54-04-C02
white	S54-04-C01
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

OTTOSEAL® S94

The neutral fire protection silicone B1



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Flame retardant – building material class B1 according to DIN 4102 – Can be used under increased fire protection requirements
- ▶ Does not cause corrosion on unprotected metal surfaces
- ▶ Excellent weathering, ageing and UV-resistance
- ▶ Good compatibility with paints according to DIN 52452 (not paintable) – No interaction with existing and adjacent coatings

Fields of application

- ▶ Sealing of fire protection elements, e.g. fire-resistant glazing

Glossy colors

	310 ml cartridge	580 ml aluminium foil bag
● black	S94-04-C04	on request
● grey	S94-04-C02	S94-08-C02
○ transparent	S94-04-C00	on request
○ white	S94-04-C01	S94-08-C01
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested according to EN 15651 – Part 2: G CC 25 LM
- ▶ Tested according to EN 15651 – Part 4: PW INT 12.5 E
- ▶ Tested according to DIN 4102-B1 – hardly inflammable between solid mineral building materials (wood research at the Munich Technical University)
- ▶ Tested according to DIN 25415, part 1 – very good decontamination properties of the sealant surface (German Materials Research and Testing Agency, 12200 Berlin, Germany)
- ▶ Quality seal of the IVD (Industrial association for sealants, registered society), tested by the ift Rosenheim (Institute of window engineering, registered society)
- ▶ According to regulation (EG) no. 1907/2006 (REACH)
- ▶ Suitable for applications according to IVD instruction sheet no. 9+11+20+24+27+29 +31+35 (IVD = German industry association sealants)



Additional useful information

Building material classes identify the fire performance of the individual building material and is not identical to the fire resistance classes, which identify the fire resistance of the complete component.

In addition to the building material classes according to DIN 4102, there exist also european classes according to DIN EN 13501. Currently, tests and evaluations of sealants have to be carried out according to DIN 4102. Please find the classes opposed in the following table (Source: IVD-instruction sheet no. 11).

The classes s1, s2 and s3 are additional requirements according to DIN EN 13501 – formation of smoke. The classes d0, d1 and d2 are additional requirements according to DIN EN 13501 – burning drop-out/dripping. The tests are carried out according to DIN EN 13823.

Designation	Additional requirement: no smoke	Additional requirement: no burning drop-out/dripping	European class according to DIN EN 13501-1	Classification according to DIN 4102-1
Non-Combustible	X	X	A1	A1
	X	X	A2-s1 d0	A2
Flameresistant	X	X	B,C-s1 d0	B1
		X	B,C-s3 d0	
	X		B,C-s1 d2	
			B,C-s3 d2	
Normally flammable		X	D-s3 d0	B2
			E	
			D-s3 d2	
			E-d2	
Highly flammable			F	B3

Special sealants



OTTOSEAL® M380

The hybrid for clean rooms and ventilation systems



1-component hybrid polymer STP sealant

For indoor and outdoor application



Characteristics

- ▶ Silicone-free
- ▶ Low odour – No odour nuisance
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Contains fungicides – Resistance to mould infestation
- ▶ Does not cause corrosion on unprotected metal surfaces
- ▶ Good weathering and ageing resistance

Fields of application

- ▶ Sealing of air condition and ventilation systems, for example kitchen exhaust ducts
- ▶ For joints in cleanrooms and production areas with strict requirements to hygiene, e.g. electronic sector – chip production
- ▶ For joints in production rooms for medicine and other medical items
- ▶ Sealing of joints in refrigerated warehouses
- ▶ Suitable for joints in hospitals and food processing companies

Glossy colors

	310 ml cartridge	580 ml aluminium foil bag
grey metallic	M380-04-C998	M380-08-C998
RAL 7004	M380-04-C7004	M380-08-C7004
RAL 9002	M380-04-C9002	M380-08-C9002
RAL 9010	M380-04-C9010	M380-08-C9010
Pieces per packaging unit	20	20
Pieces per pallet	1200	600



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Tested for applications in the cleanroom area and in accordance with DIN EN ISO 846 by ISEGA Forschungs- und Untersuchungsgesellschaft mbH Aschaffenburg
- ▶ Suitable for use in ventilation systems according to VDI 6022, sheet 1
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 31+35 (IVD = German industry association sealants)



OTTOSEAL® S27

The silicone for food and drinking water



1-component silicone sealant based on acetate

For indoor and outdoor application



Characteristics

- ▶ Tested for applications in the food and drinking water sector
- ▶ Good chemical resistance (e. g. to cleaning agents and disinfectants) – No damage by aggressive cleaning and disinfection
- ▶ High resistance to notches and tearing – Resistant to high mechanical stresses
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Sealing in the food sector, e. g. in dairies, abattoirs, beverage and food production plants, canteen kitchens etc.
- ▶ Sealing in the drinking water area between ceramic coatings

Glossy colors

	310ml cartridge
grey	S27-04-C02
RAL 7004	S27-04-C7004
transparent	S27-04-C00
white	S27-04-C01

Pieces per packaging unit

20

Pieces per pallet

1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Positively tested for compatibility when in contact with food (by the Chemical Laboratory Dr. Stegemann, Georgsmarienhütte, Germany)
- ▶ Tested and approved according to the KTW guideline (as of: 11.03.2019) from the German Environment Agency for cold water systems (elastic grouting between ceramic coverings) Valid until 26.09.2022 – testing according to new UBA recommendation version 4 in progress.
- ▶ Tested and approved in accordance with DVGW worksheet W 270 (as of: November 2007) elastic grouting between ceramic coverings Valid until 02.08.2024 – testing according to new UBA recommendation version 4 in progress.
- ▶ Declaration of no objection – tested for short-term contact with food (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 21+31+35 (IVD = German industry association sealants)



OTTOSEAL® S67

The low-odour silicone for clean rooms and ventilation systems



1-component silicone sealant based on alkoxy, neutral cross-linking

For indoor and outdoor application



Characteristics

- ▶ Excellent metal adhesion – No pre-treatment on many metals
- ▶ Low odour – No odour nuisance
- ▶ Does not cause corrosion on unprotected metal surfaces
- ▶ Good chemical resistance (e.g. to cleaning agents and disinfectants) – No damage by aggressive cleaning and disinfection
- ▶ Contains fungicides – Resistance to mould infestation
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ For joints in cleanrooms and production areas with strict requirements to hygiene, e.g. electronic sector – chip production
- ▶ For joints in production rooms for medicine and other medical items
- ▶ For joints in rooms with strict hygienic requirements and frequent use of cleaning agents and disinfectants, e.g. operating theatres, medical examination rooms, medical laboratories
- ▶ Sealing of joints in refrigerated warehouses
- ▶ Suitable for joints in hospitals and food processing companies
- ▶ Sealing of air condition and ventilation systems, for example kitchen exhaust ducts

Glossy colors

	310 ml cartridge	580 ml aluminium foil bag
grey	S67-04-C02	S67-08-C02
manhattan	S67-04-C43	S67-08-C43
RAL 7035	S67-04-C7035	S67-08-C7035
RAL 9002	S67-04-C9002	S67-08-C9002
RAL 9010	S67-04-C9010	S67-08-C9010
RAL 9016	S67-04-C9016	S67-08-C9016
stainless steel	S67-04-C197	S67-08-C197
transparent	S67-04-C00	S67-08-C00
Pieces per packaging unit	20	20
Pieces per pallet	1200	600



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Tested for applications in the cleanroom area and in accordance with DIN EN ISO 846 by ISEGA Forschungs- und Untersuchungsgesellschaft mbH Aschaffenburg
- ▶ Suitable for use in ventilation systems according to VDI 6022, sheet 1
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 31+35 (IVD = German industry association sealants)



OTTOSEAL® S69

The silicone for clean rooms and ventilation systems



1-component silicone sealant based on acetate

For indoor and outdoor application







Characteristics

- ▶ Good chemical resistance (e.g. to cleaning agents and disinfectants) – No damage by aggressive cleaning and disinfection
- ▶ High resistance to notches and tearing – Resistant to high mechanical stresses
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ For joints in rooms with strict hygienic requirements and frequent use of cleaning agents and disinfectants, e.g. operating theatres, medical examination rooms, medical laboratories
- ▶ Suitable for joints in hospitals and food processing companies
- ▶ Sealing of air condition and ventilation systems made of non-corrosive materials

Glossy colors

	310 ml cartridge	580 ml aluminium foil bag
 RAL 9002	S69-04-C9002	S69-08-C9002
 RAL 9010	S69-04-C9010	S69-08-C9010
 stainless steel	S69-04-C197	S69-08-C197
 transparent	S69-04-C00	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	600



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Tested for applications in the cleanroom sector by the Institute for Hygiene Gelsenkirchen, Germany
- ▶ Tested for compatibility when in contact with food (by the Chemical Laboratory Dr. Stegemann, Georgsmarienhütte, Germany)
- ▶ Suitable for use in ventilation systems according to VDI 6022 (Ass. Of Germ. Engineers), sheet 1 tested according to DIN EN ISO 846 (by the Institute for Hygiene Berlin, Germany)
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 21+31+35 (IVD = German industry association sealants)



Additional useful information

Test of resistance of OTTOSEAL® S69 to cleaning agents and disinfectants:

Pursept-FD 3 % solution (Merz)	resistant
Bacillocid rasant 3 % solution (Bode)	resistant
Biguanid Fläche/surface 3 % solution (Dr. Schumacher)	resistant
Baccalin 3 % solution (Bode)	resistant
Terralin 3 % solution (S+M)	resistant
Incidin perfekt 3 % solution (Ecolab)	resistant
Kohrsolin 3 % solution (Bode)	resistant
Perform 3 % solution (S+M)	resistant
Dismozon pur 3 % solution (Bode)	resistant

The test have been carried out at room temperature.

Glass, window and façade sealants



A 225

OTTOSEAL® A 225

The acrylic-based sealant for mitres



1-component acrylic sealant

For indoor and outdoor application



Characteristics

- ▶ Low odour – No odour nuisance
- ▶ User-friendly – Can be removed if fresh and uncured by using water
- ▶ Translucent (slightly cloudy) after curing – Ideal for all window colours
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Frost-resistant -10 °C/up to 48 hours

Fields of application

- ▶ Sealing of frame joins and mitre cuts in metal construction and wooden windows

Standards and tests

- ▶ French VOC-emission class A+
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Suitable for applications according to IVD instruction sheet no. 12+35 (IVD = German industry association sealants)

	310 ml cartridge
translucent	A225-04-C95
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

M 350

SPECIAL

OTTOSEAL® M 350

The hybrid sealant for glazing



1-component hybrid polymer STP sealant

For indoor and outdoor application



Characteristics

- ▶ Does not cause corrosion on unprotected metal surfaces
- ▶ Silicone-free
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Good weathering and ageing resistance

Fields of application

- ▶ Window pane sealing on wooden windows
- ▶ Sealing of joints on windows and doors made of wood, metal and plastic
- ▶ Sealing of pipe and antenna ducts
- ▶ Sealing of joints on façades, metal constructions
- ▶ Sealing of air condition and ventilation systems
- ▶ Suitable for glazing systems with putty fronting Va1 in accordance with DIN 18545/ÖNORM 3724

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25
- ▶ Tested according to EN 15651 – Part 2: G CC 25 HM
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ According to the requirements of DIN 18545, stress group A and D
- ▶ According to the requirements of ISO 11600 G 25 HM
- ▶ Suitable for use in ventilation systems according to VDI 6022 (Ass. Of Germ. Engineers), sheet 1 tested according to DIN EN ISO 846 (by the Institute for Hygiene Berlin, Germany)
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ Suitable for applications according to IVD instruction sheet no. 9+12+20+24+27+29 +31+32+35 (IVD = German industry association sealants)

Glossy colors

	300 ml cartridge
concrete grey	M350-03-C56
white	M350-03-C01
Pieces per packaging unit	12
Pieces per pallet	1152

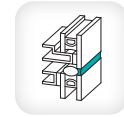
No special colours possible.

Other units on request

Due to typographical reasons the colours shown below may differ from the original colours of the products.

OTTOSEAL® S7

The weather sealing silicone



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Compatible with insulating glass edge compound materials – see compatibility list
- ▶ Compatible with PVB sheets according to the criteria of ift-guideline DI-02/1 – Suitable for processing VSG
- ▶ Excellent weathering, ageing and UV-resistance
- ▶ Very good adhesion on many substrates even without primer (see the primer table)
- ▶ High resistance to notches and tearing – Resistant to high mechanical stresses
- ▶ User-friendly thanks to matt surface
- ▶ Long skin-formation – Long processing time
- ▶ Does not cause corrosion on unprotected metal surfaces

Fields of application

- ▶ For the weather sealing of structural glazing, angled glazing, timber-glass-composite elements, roof glazing and conservatories
- ▶ For jointing on glass elements
- ▶ For sealing on insulating glass units

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested according to EN 15651 – Part 2: G CC 25 LM
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ According to the requirements of DIN 18540-F
- ▶ According to the requirements of ISO 11600 F 25 LM

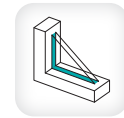
Glossy colors

	310 ml cartridge	580 ml aluminium foil bag
● black	S7-04-C04	S7-08-C04
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

Due to typographical reasons the colours shown below may differ from the original colours of the products.

OTTOSEAL® S9

The 1-component silicone sealant for insulating glass edges



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Compatible with PVB sheets according to the criteria of ift-guideline DI-02/1 – Suitable for processing VSG
- ▶ Excellent weathering, ageing and UV-resistance
- ▶ Very good adhesion on many substrates even without primer (see the primer table)
- ▶ High resistance to notches and tearing – Resistant to high mechanical stresses
- ▶ Does not cause corrosion on unprotected metal surfaces

Fields of application

- ▶ Secondary edge sealing for manufacturing UV-resistant insulating glass units in connection with butyl rubber as primary sealing

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Tested according to EN 1279, part 2 with gas-filled multi-panel insulating glass with spacers made of aluminium and tested according to EN 1279, part 4, paragraphs 5.1 and 5.2 by the MPA Darmstadt, Germany
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 35 (IVD = German industry association sealants)

Glossy colors

	310 ml cartridge	580 ml aluminium foil bag	20 l hobbock
● black	S9-04-C04	S9-08-C04	on request
Pieces per packaging unit	20	20	1
Pieces per pallet	1200	600	16

Due to typographical reasons the colours shown below may differ from the original colours of the products.

S10

SPECIAL

OTTOSEAL® S10

The silicone sealant for glass constructions



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Compatible with PVB sheets according to the criteria of ift-guideline DI-02/1 – Suitable for processing VSG
- ▶ Excellent weathering, ageing and UV-resistance
- ▶ Very good adhesion on many substrates even without primer (see the primer table)
- ▶ High resistance to notches and tearing – Resistant to high mechanical stresses
- ▶ Does not cause corrosion on unprotected metal surfaces

Fields of application

- ▶ Sealing of expansion joints in building construction
- ▶ For the weather sealing of structural glazing, angled glazing, timber-glass-composite elements, roof glazing and conservatories
- ▶ For jointing on glass elements
- ▶ Installation of X-ray protective glass

Standards and tests

- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested according to EN 15651 – Part 2: G CC 25 LM
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ UL 94 Flame Classification HB, RTI 105 °C, File No. E 176319
- ▶ Tested and recommended by Schott Desag AG Deutsches Spezialglas, D-31073 Grünenplan, for the installation of RD 50 and RD 30 X-ray protective glass
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 22+30+31+35 (IVD = German industry association sealants)

Glossy colors

	310 ml cartridge
black	S10-04-C04
transparent	S10-04-C00
white	S10-04-C01
Pieces per packaging unit	20
Pieces per pallet	1200

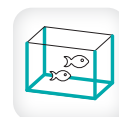
Due to typographical reasons the colours shown below may differ from the original colours of the products.

S28

SPECIAL

OTTOSEAL® S28

The aquarium and glass block silicone



1-component silicone sealant based on acetate

For indoor and outdoor application



Characteristics

- ▶ Suitable for freshwater and saltwater aquariums
- ▶ Complies with OECD 203 – Offers the highest possible safety standard for highly sensitive life forms
- ▶ High adhesive power
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Manufacture of all-glass aquariums and terrariums
- ▶ Bonding of glass blocks

Standards and tests

- ▶ According to DIN 32622, pt. 4.4.2.2 (Glass Aquaria)
- ▶ Non-toxic for fish according to OECD 203 (Acute Toxicity Test – tested by the Institute Fresenius, 65232 Taunusstein, Germany)
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 35 (IVD = German industry association sealants)

Glossy colors

	310 ml cartridge	400 ml aluminium foil bag	20 l hobstock	200 l drum
black	S28-04-C04	S28-07-C04	on request	on request
transparent	S28-04-C00	S28-07-C00	on request	on request
Pieces per packaging unit	20	20	1	1
Pieces per pallet	1200	900	16	2

Due to typographical reasons the colours shown below may differ from the original colours of the products.

S50

OTTOSEAL® S50

The crystal clear silicone

1-component silicone sealant based on acetate

For indoor and outdoor application



Characteristics

- ▶ Excellent weathering, ageing and UV-resistance
- ▶ Cures to a crystal clear silicone – For unobtrusive applications

Fields of application

- ▶ Glass construction, vitrines and shop windows

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 30+31+35 (IVD = German industry association sealants)

	310 ml cartridge
crystal clear	S50-04-C30
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

S72

OTTOSEAL® S72

The plastic silicone

1-component silicone sealant and adhesive based on alkoxy, neutral cross-linking

For indoor and outdoor application



Characteristics

- ▶ Compatible with acrylic glass and polycarbonate – Does not cause stress cracks
- ▶ Adhesion to many plastics without a primer (see primer table in the technical data sheet)
- ▶ Does not cause corrosion on unprotected metal surfaces
- ▶ Low odour – No odour nuisance
- ▶ High resistance to notches and tearing – Resistant to high mechanical stresses
- ▶ Excellent weathering, ageing and UV-resistance

Fields of application

- ▶ Applications on glass, plastics and aluminium
- ▶ Glass construction, vitrines and shop windows

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Positively tested for compatibility when in contact with food (by the Chemical Laboratory Dr. Stegemann, Georgsmarienhütte, Germany)
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 21+31+35 (IVD = German industry association sealants)



Glossy colors

	310 ml cartridge
RAL 7004	S72-04-C7004
RAL 9010	S72-04-C9010
transparent	S72-04-C00
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

S110

★★★★★
PREMIUM

OTTOSEAL® S110

The premium construction silicone



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application



Characteristics

- ▶ Excellent weathering, ageing and UV-resistance
- ▶ Very good adhesion on many substrates even without primer (see the primer table)
- ▶ Highly abrasion-resistant and streak-free according to ift-guideline VE-04/2 – For non-streaky cleaning
- ▶ Compatible with PVB sheets according to the criteria of ift-guideline DI-02/1 – Suitable for processing VSG
- ▶ Excellent early resistance to stress during component movements
- ▶ Good compatibility with paints according to DIN 52452 (not paintable) – No interaction with existing and adjacent coatings
- ▶ Does not cause corrosion on unprotected metal surfaces
- ▶ Contains fungicides – Resistance to mould infestation

Fields of application

- ▶ Sealing of expansion and connections joints on prefabricated concrete and cellular concrete units
- ▶ Sealing of joints on façades, metal constructions
- ▶ Sealing of joints on windows and doors made of wood, metal and plastic
- ▶ Sealing double glazings/glass modules
- ▶ Window pane sealing on wooden windows
- ▶ For jointing on glass elements
- ▶ Sealing expansion and connection joints in bathroom areas

Standards and tests







- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested according to EN 15651 – Part 2: G CC 25 LM
- ▶ Tested according to EN 15651 – Part 3: XS 1
- ▶ Tested according to EN 15651 – Part 4: PW INT 12.5 E
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Tested according to ift-guideline VE-04/2
- ▶ Tested according to FCBA (CTBA) L 114 (suitability of sealants for window pane sealing on wooden windows)
- ▶ According to the requirements of DIN 18540-F
- ▶ According to the requirements of ISO 11600 G 25 LM
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ Quality seal of the IVD (Industrial association for sealants, registered society), tested by the ift Rosenheim (Institute of window engineering, registered society)
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ According to regulation (EG) no. 1907/2006 (REACH)



Matte colors

	310ml cartridge	400 ml aluminium foil bag	580ml aluminium foil bag	20l hobbock
anthracite	S110-04-C155	S110-07-C155	S110-08-C155	on request
beech	S110-04-C76	on request	on request	on request
black	S110-04-C04	S110-07-C04	S110-08-C04	S110-23-C04
bronze	S110-04-C13	on request	on request	on request
chestnut	S110-04-C742	on request	S110-08-C742	on request
chocolate brown	S110-04-C39	on request	S110-08-C39	on request
concrete grey	S110-04-C56	S110-07-C56	S110-08-C56	on request
dark brown	S110-04-C49	on request	on request	on request
dark grey	S110-04-C03	on request	S110-08-C03	on request
dark oak	S110-04-C83	on request	S110-08-C83	on request
DB 703	S110-04-DB703	on request	on request	on request
fair brown	S110-04-C06	on request	S110-08-C06	on request
fair grey	S110-04-C20	S110-07-C20	S110-08-C20	on request
fair oak	S110-04-C64	on request	on request	on request
jasmin	S110-04-C1216	on request	on request	on request
linsey grey	S110-04-C433	S110-07-C433	S110-08-C433	on request
manhattan	S110-04-C43	S110-07-C43	S110-08-C43	on request
matt brown	S110-04-C1416	on request	S110-08-C1416	on request
oak	S110-04-C57	on request	S110-08-C57	on request
ochre	S110-04-C31	on request	S110-08-C31	on request
pergamon	S110-04-C84	on request	on request	on request
pine	S110-04-C88	on request	on request	on request
RAL 6009	S110-04-C6009	on request	on request	on request
RAL 7016	S110-04-C7016	S110-07-C7016	on request	on request
RAL 9001	S110-04-C9001	S110-07-C9001	on request	on request
RAL 9002	S110-04-C9002	on request	S110-08-C9002	on request
RAL 9010	S110-04-C9010	on request	S110-08-C9010	on request
RAL 9016	S110-04-C9016	on request	S110-08-C9016	on request
sand beige	S110-04-C12	on request	on request	on request
sanitary grey	S110-04-C18	S110-07-C18	S110-08-C18	on request
silk grey	S110-04-C77	S110-07-C77	S110-08-C77	on request
silver grey	S110-04-C94	S110-07-C94	on request	on request
snow white	S110-04-C116	S110-07-C116	on request	on request
white	S110-04-C01	S110-07-C01	S110-08-C01	S110-23-C01
Pieces per packaging unit	20	20	20	1
Pieces per pallet	1200	900	600	16

Glossy colors

	310 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag	20 l hobbcock
 brown	S110-04-C05	on request	S110-08-C05	on request
 mahogany	S110-04-C29	on request	S110-08-C29	on request
 RAL 6005	S110-04-C6005	on request	on request	on request
 transparent	S110-04-C00	S110-07-C00	S110-08-C00	S110-23-C00
 transparent grey	S110-04-C284	on request	on request	on request
 trijs	S110-04-C7686	S110-07-C7686	on request	on request
Pieces per packaging unit	20	20	20	1
Pieces per pallet	1200	900	600	16



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.



Additional useful information

The sealing of glass in wooden windows is subject to some important factors which are responsible for optimal sealing:

The excellent early resistance to stress is important to avoid cracks in the sealant. These can arise if, for example, the seal is formed in direct sunlight and at an increased temperature and thereafter the temperature drops drastically, forcing the sealant to follow the movements of the substrate, although it is not yet completely cured.

OTTOSEAL® S 110 and OTTOSEAL® S 120 develop a firm surface skin very quickly and can therefore follow the movements of the building after a very short time. Furthermore, it is extremely important that the sealant is compatible with the other building materials used for the wooden windows with which it comes into close contact with (e.g. lacquer paints/varnishes). These must not damage or modify the sealant (e.g. discolouring). Overpainting the sealant is not possible and, according to the relevant standards and guidelines, not even permitted for elastic jointing.

The abrasion resistance is tested according to ift directive VE-04/2. OTTOSEAL® S 110 and OTTOSEAL® S 120 meet the requirements. After smoothing the sealant, residual smoothing agent must be removed immediately; otherwise streaks can remain.

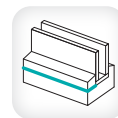
Prior to cleaning it for the first time the sealant must cure for at least three days to prevent the seal from being damaged. The surface of the sealant should be cleaned with a moist soft cloth using normal, commercial window cleaning agents.



Glass, window and façade sealants

OTTOSEAL® S112

The silicone sealant for window bars



1-component silicone sealant compound based on alkoxy, neutral cross-linking

For indoor application



Characteristics

- ▶ Low adhesion – Easy removability e.g. of the glass retaining strip
- ▶ Compatible with PVB sheets according to the criteria of ift-guideline DI-02/1 – Suitable for processing VSG
- ▶ Good compatibility with paints according to DIN 52452 (not paintable) – No interaction with existing and adjacent coatings
- ▶ Low odour – No odour nuisance
- ▶ Does not cause corrosion on unprotected metal surfaces

Fields of application

- ▶ For sealing and back filling of frames and window bars on windows and doors – improves the leak tightness. The filling material has less adhesion in comparison to standard glazing sealants, so its easier to remove the window bars for repair works.
- ▶ Avoids accumulation of condensation through incoming warm air and thus protects against humidity affecting the edge sealing, which could lead to damages to the wooden window frame
- ▶ For sealing on the window frame below the glass edge (position 4). Please avoid full surface contact with the isolation glass edge sealing in the rebate bond. Maximum 3mm overlap is permissible.
- ▶ For compatibility to IG-edge sealing materials please see our recent compatibility list. The up-to-date list can be downloaded from our website www.otto-chemie.com.

310 ml cartridge

580 ml aluminium foil bag

	S112-04-C8845	S112-08-C8845
transparent fair blue		
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

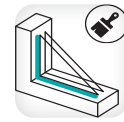
Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+

OTTOSEAL® S113

The paintable silicone sealant for glazing



1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application




Characteristics

- › Compatible with coatings according to DIN 52452 – No interaction with existing and adjacent coatings
- › Excellent weathering, ageing and UV-resistance
- › Contains fungicides – Resistance to mould infestation
- › Does not cause corrosion on unprotected metal surfaces

Fields of application

- › Window pane sealing on wooden windows
- › Sealing of joints on façades, metal constructions
- › Sealing of joints on windows and doors made of wood, metal and plastic
- › Sealing of expansion and connections joints on prefabricated concrete and cellular concrete units

Glossy colors

	310ml cartridge
 RAL 9010	S113-04-C9010
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

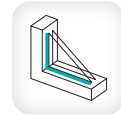
- › Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- › Tested according to EN 15651 – Part 2: G CC 25 LM
- › Tested fire behaviour in accordance with EN 13501: class E
- › According to the requirements of DIN 18540-F
- › Complies with the requirements of DIN 18545, stress group E
- › French VOC-emission class A+

S120

★★★★★
PREMIUM

OTTOSEAL® S120

The premium glazing silicone



1-component silicone sealant based on alkoxy, neutral cross-linking

For indoor and outdoor application



Characteristics

- ▶ Highly abrasion-resistant and streak-free according to ift-guideline VE-04/2 – For non-streaky cleaning
- ▶ Excellent weathering, ageing and UV-resistance
- ▶ Low odour – No odour nuisance
- ▶ Compatible with PVB sheets according to the criteria of ift-guideline DI-02/1 – Suitable for processing VSG
- ▶ Very good adhesion on many substrates even without primer (see the primer table)
- ▶ Good compatibility with paints according to DIN 52452 (not paintable) – No interaction with existing and adjacent coatings
- ▶ Excellent early resistance to stress during component movements
- ▶ Available in matte colours – Harmonises perfectly with matte surfaces
- ▶ Contains fungicides – Resistance to mould infestation
- ▶ Does not cause corrosion on unprotected metal surfaces

Fields of application

- ▶ Window pane sealing on wooden windows
- ▶ Sealing of joints on façades, metal constructions
- ▶ Sealing of joints on windows and doors made of wood, metal and plastic
- ▶ Sealing of expansion and connections joints on prefabricated concrete and cellular concrete units
- ▶ Sealing double glazings/glass modules
- ▶ For jointing on glass elements
- ▶ For the external sealing of mirrors in connection with materials such as ceramic, metal, glass etc.

Standards and tests


















- ▶ Tested according to EN 15651 – Part 1: F EXT-INT CC 25 LM
- ▶ Tested according to EN 15651 – Part 2: G CC 25 LM
- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Tested according to ift-guideline VE-04/2
- ▶ Tested according to the BEMMA scheme for museum and show case equipment
- ▶ According to the requirements of DIN 18540-F
- ▶ According to the requirements of ISO 11600 G 25 LM
- ▶ KOMO certificate no. 33410 (The regulations as per NPR 3577 are to be observed)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ Quality seal of the IVD (Industrial association for sealants, registered society), tested by the ift Rosenheim (Institute of window engineering, registered society)
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ According to regulation (EG) no. 1907/2006 (REACH)
- ▶ Suitable for applications according to IVD instruction sheet no. 7+9+10+13+14+19-1 +20+22+24+25+27+29+31+32+35 (IVD = German industry association sealants)



Glossy colors

	310ml cartridge	400 ml aluminium foil bag	580ml aluminium foil bag	20l hobbock
anthracite	S120-04-C155	on request	S120-08-C155	on request
black	S120-04-C04	S120-07-C04	S120-08-C04	on request
brown	S120-04-C05	on request	S120-08-C05	on request
chestnut	S120-04-C742	on request	S120-08-C742	on request
chocolate brown	S120-04-C39	on request	on request	on request
concrete grey	S120-04-C56	on request	on request	on request
dark brown	S120-04-C49	on request	on request	on request
dark grey	S120-04-C03	on request	on request	on request
dark oak	S120-04-C83	on request	on request	on request
fair brown	S120-04-C06	on request	on request	on request
fair grey	S120-04-C904	on request	on request	on request
fair oak	S120-04-C64	on request	on request	on request
manhattan	S120-04-C43	on request	S120-08-C43	on request
RAL 9010	S120-04-C9010	on request	S120-08-C9010	on request
RAL 9016	S120-04-C9016	on request	S120-08-C9016	on request
sanitary grey	S120-04-C18	on request	on request	on request
silk grey	S120-04-C77	on request	S120-08-C77	on request
silver grey	S120-04-C94	on request	S120-08-C94	on request
snow white	S120-04-C116	on request	on request	on request
transparent	S120-04-C00	S120-07-C00	S120-08-C00	S120-23-C00
transparent black	S120-04-C8571	on request	on request	on request
transparent grey	S120-04-C284	S120-07-C284	on request	on request
white	S120-04-C01	S120-07-C01	S120-08-C01	on request
Pieces per packaging unit	20	20	20	1
Pieces per pallet	1200	900	600	16

Matte colors

	310 ml cartridge	400 ml aluminium foil bag	580 ml aluminium foil bag	20 l hobo box
 matt anthracite	S120-04-C7103	S120-07-C7103	S120-08-C7103	on request
 matt beech	S120-04-C7111	on request	on request	on request
 matt black	S120-04-C7112	on request	S120-08-C7112	on request
 matt brown	S120-04-C1416	on request	on request	on request
 matt chestnut	S120-04-C7114	on request	on request	on request
 matt concrete grey	S120-04-C7102	on request	on request	on request
 matt dark brown	S120-04-C7107	on request	on request	on request
 matt dark grey	S120-04-C7113	on request	on request	on request
 matt dark oak	S120-04-C7104	on request	on request	on request
 matt fair brown	S120-04-C7094	on request	on request	on request
 matt fair grey	S120-04-C7101	on request	on request	on request
 matt manhattan	S120-04-C6874	on request	on request	on request
 matt ochre	S120-04-C7100	on request	on request	on request
 matt pergamum	S120-04-C7098	on request	on request	on request
 matt sanitary grey	S120-04-C6834	on request	on request	on request
 matt silk grey	S120-04-C7110	on request	on request	on request
 matt silver grey	S120-04-C6645	on request	on request	on request
 matt snow white	S120-04-C6832	on request	on request	on request
 matt white	S120-04-C6919	on request	S120-08-C6919	on request
Pieces per packaging unit	20	20	20	1
Pieces per pallet	1200	900	600	16



Due to typographical reasons the colours shown below may differ from the original colours of the products.

For an exact colour display please request our original colour charts.



Glass, window and façade sealants

Hybrid adhesives



OTTOCOLL® M500

The extremely water-resistant premium hybrid adhesive



1-component hybrid polymer STP adhesive

For indoor and outdoor application






Characteristics

- ▶ Extremely water-resistant – For bonds with high water exposure
- ▶ Very good adhesion on many materials – Can be used on many materials without pretreatment
- ▶ Compatible with natural stone – Does not cause greasy deposits on natural stones
- ▶ Also bonding to damp surfaces
- ▶ Elastic – Compensates movements
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Silicone-free
- ▶ Free of isocyanates

Fields of application

- ▶ Bonding of stone, natural stone and ceramic
- ▶ Bonding of lacquered and enamelled glass
- ▶ Bonding of OTTOFLEX® sealing strip/sealing and decoupling strip in the overlapping area and accessories such as sealing tape, corner tape and sealing sleeves (according to the requirements of ETAG 022 and tested according to abP principles)
- ▶ Bonding of mirrors on ceramic, glass, plastic, stainless steel, aluminium, wood, concrete, etc.
- ▶ Bonding of window sills, floor strips, decorative strips and stairs
- ▶ Bonding in body and vehicle construction, carriage and container construction, metal and device construction, shipbuilding
- ▶ Bonding in food-related areas
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

310 ml cartridge

 black	M500-04-C04
 grey	M500-04-C02
 white	M500-04-C01

Pieces per packaging unit
Pieces per pallet

20
1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ EMICODE® EC 1^{PLUS} – very low emission
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ Tested in conjunction with OTTOFLEX® sealing strip/sealing and decoupling strip to issue a general building inspection certificate



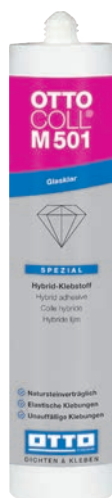
OTTOCOLL® M 501

The crystal clear hybrid adhesive



1-component hybrid polymer STP adhesive

For indoor and outdoor application



Characteristics

- ▶ Crystal clear – For inconspicuous bondings
- ▶ Very good adhesion on many materials – Can be used on many materials without pretreatment
- ▶ Compatible with natural stone – Does not cause greasy deposits on natural stones
- ▶ Also bonding to damp surfaces
- ▶ Elastic – Compensates movements
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Silicone-free
- ▶ Free of isocyanates

Fields of application

- ▶ Bonding of stone, natural stone and ceramic
- ▶ Bonding of mirrors on ceramic, glass, plastic, stainless steel, aluminium, wood, concrete, etc.
- ▶ Bonding of window sills, floor strips, decorative strips and stairs
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

310 ml cartridge



transparent

M501-04-C00

Pieces per packaging unit

20

Pieces per pallet

1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)



SPECIAL

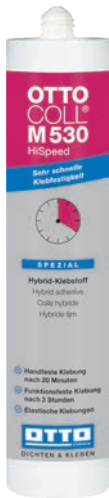
M530

OTTOCOLL® M530 HiSpeed

The hybrid adhesive with very fast bonding

1-component hybrid polymer STP adhesive

For indoor and outdoor application



Characteristics

- ▶ Handling strength after 20 minutes and functional strength after 3 hours – Fast continued work possible with thin adhesive layer and diffusion-open materials
- ▶ High final strength – Resistant to high mechanical stresses
- ▶ Compatible with natural stone – Does not cause greasy deposits on natural stones
- ▶ Also bonding to damp surfaces
- ▶ Elastic – Compensates movements
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Silicone-free
- ▶ Free of isocyanates

Fields of application

- ▶ Bonding of stone, natural stone and ceramic
- ▶ Bonding of window sills, floor strips, decorative strips and stairs
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria



	310 ml cartridge
○ white	M530-04-C01
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

SPECIAL

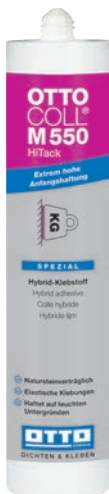
M550

OTTOCOLL® M550 HiTack

The hybrid adhesive with extremely high initial adhesion

1-component hybrid polymer STP adhesive

For indoor and outdoor application



Characteristics

- ▶ Extremely high initial adhesion – No fixation required
- ▶ Compatible with natural stone – Does not cause greasy deposits on natural stones
- ▶ Also bonding to damp surfaces
- ▶ Elastic – Compensates movements
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Silicone-free
- ▶ Free of isocyanates

Fields of application

- ▶ Bonding of stone, natural stone and ceramic
- ▶ Bonding of window sills, floor strips, decorative strips and stairs
- ▶ Bonding of mirrors on ceramic, glass, plastic, stainless steel, aluminium, wood, concrete, etc.
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)



	310 ml cartridge	580 ml aluminium foil bag
● black	M550-04-C04	on request
● grey	M550-04-C02	M550-08-C02
○ white	M550-04-C01	M550-08-C01
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

Due to typographical reasons the colours shown below may differ from the original colours of the products.

M 560

★★★★
PREMIUM

OTTOCOLL® M 560

The universal premium hybrid adhesive with very high initial adhesion



1-component hybrid polymer STP adhesive

For indoor and outdoor application






Characteristics

- ▶ Very high initial adhesion – No fixation required
- ▶ Very good adhesion on many materials – Can be used on many materials without pretreatment
- ▶ Compatible with natural stone – Does not cause greasy deposits on natural stones
- ▶ Also bonding to damp surfaces
- ▶ Fast thorough hardening – Stress can be applied to the bond quickly
- ▶ Elastic – Compensates movements
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Silicone-free
- ▶ Free of isocyanates

Fields of application

- ▶ Bonding of drywall stud frames for screwless assembly of metal rails/UW profiles
- ▶ Bonding of stone, natural stone and ceramic
- ▶ Bonding of lacquered and enamelled glass
- ▶ Bonding of mirrors on ceramic, glass, plastic, stainless steel, aluminium, wood, concrete, etc.
- ▶ Bonding of window sills, floor strips, decorative strips and stairs
- ▶ Bonding of rigid foam boards
- ▶ Bonding in body and vehicle construction, carriage and container construction, metal and device construction, shipbuilding
- ▶ Bonding in food-related areas
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

310 ml cartridge 580 ml aluminium foil bag

 black	M560-04-C04	on request
 grey	M560-04-C02	M560-08-C02
 white	M560-04-C01	M560-08-C01

Pieces per packaging unit
Pieces per pallet

20 20
1200 600

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)
- ▶ TÜV SÜD – Certification for the screwless installation of UW profiles in drywall construction, as well as the corresponding adhesive strengths.
- ▶ VHT GmbH – Test certificates for the suitability of bonding drywall profiles in accordance with DIN 18183-1 and DIN 4103-1.
- ▶ PFB GmbH & Co. Prüfbau für Bauelemente KG – Airborne sound insulation tested according to DIN EN ISO 10140-2: 2021-09 – Increased sound insulation compared to conventional construction methods.



OTTOCOLL® M580

The extremely fast 2-component hybrid adhesive

2-component hybrid polymer STP adhesive

For indoor and outdoor application



Characteristics

- ▶ Extremely fast hardening – Stress can be applied to the bond extremely quickly
- ▶ Very good adhesion on many materials – Can be used on many materials without pretreatment
- ▶ Elastic – Compensates movements
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Silicone-free
- ▶ Free of isocyanates

Fields of application

- ▶ Bonding of leaf covering door panels
- ▶ Bonding of mirrors on ceramic, glass, plastic, stainless steel, aluminium, wood, concrete, etc.
- ▶ Bonding of window sills, floor strips, decorative strips and stairs
- ▶ Bonding in body and vehicle construction, carriage and container construction, metal and device construction, shipbuilding
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)

2x190 ml plastic twin cartridge

2x310 ml plastic twin cartridge

	2x190 ml plastic twin cartridge	2x310 ml plastic twin cartridge
fair grey	M580-4005-15-C5195	M580-4005-16-C5195
Pieces per packaging unit	10	10
Pieces per pallet	600	600

1 OTTO static mixing nozzle MGQ 10-19D is supplied with each cartridge.

Due to typographical reasons the colours shown below may differ from the original colours of the products.



OTTO Accessories

OTTO Hand-operated gun 2K H293

p. 131

OTTO Compressed air gun P2x310

p. 133

OTTO Static mixing nozzle MGQ 10-19D

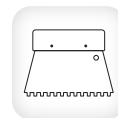
p. 149

M 595

SPECIAL

OTTOCOLL® M 595

The hybrid-adhesive for full-surface bonding



1-component hybrid polymer STP adhesive

For indoor and outdoor application



580 ml aluminium foil bag

5 kg plastic pail (minimum purchase 8 units)

	580 ml aluminium foil bag	5 kg plastic pail (minimum purchase 8 units)
white	M595-08-C01	M595-41-C01
Pieces per packaging unit	20	1
Pieces per pallet	880	54

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Characteristics

- ▶ Applicable by spatula – Apply quickly and easily with a toothed spatula
- ▶ Compensates for unevenness in rough bonding surfaces
- ▶ Very good adhesion on many materials – Can be used on many materials without pretreatment
- ▶ Also bonding to damp surfaces
- ▶ Elastic – Compensates movements
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Silicone-free
- ▶ Free of isocyanates

Fields of application

- ▶ Bonding of wall cladding panels indoors, such as in sanitary, kitchen and catering areas and in cold storage rooms
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates
- ▶ Bonding of OTTOFLEX® sealing strip/sealing and decoupling strip in the overlapping area and accessories such as sealing tape, corner tape and sealing sleeves (according to the requirements of ETAG 022 and tested according to abP principles)

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)
- ▶ Tested in conjunction with OTTOFLEX® sealing strip/sealing and decoupling strip to issue a general building inspection certificate



PU adhesives



P 83

SPECIAL

OTTOCOLL® P 83

The highly elastic PU adhesive



1-component adhesive based on polyurethane

For indoor and outdoor application



Characteristics

- ▶ Highly elastic – Compensates for high movements
- ▶ Extremely resilient to mechanical forces – Resistant to high impacts, shock loads and peeling loads
- ▶ Good resistance to influence of chemicals – Suitable for use in areas subject to heavy chemical exposure
- ▶ Does not foam – No weighting necessary
- ▶ Silicone-free

Fields of application

- ▶ Bonding in bodywork, wagon and container construction, metal construction and apparatus engineering, shipbuilding
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Declaration of no objection – tested for use in food-related area (ISEGA Forschungs- und Untersuchungs-Gesellschaft mbH, Aschaffenburg, Germany)
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+



	310 ml aluminium cartridge	580 ml aluminium foil bag
black	P83-20-C04	on request
grey	P83-20-C02	P83-08-C02
white	P83-20-C01	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

No special colours possible.

Due to typographical reasons the colours shown below may differ from the original colours of the products.

P 84

SPECIAL

OTTOCOLL® P 84

The PU glue



1-component polyurethane adhesive flowable

For indoor and outdoor application



Characteristics

- ▶ Free-flowing
- ▶ Very high final strength – Resistant to high mechanical stresses
- ▶ Grindable and paintable after curing
- ▶ Foaming/ gap bridging – Compensates minor unevenness

Fields of application

- ▶ Bonding garden furniture and window edges
- ▶ Manufacturing of laminated wood for non-load-bearing parts
- ▶ Bonding sandwich/composite boards, e.g. for partition walls, door parts, exterior walls for prefabricated houses, façade elements, vehicle superstructural parts etc.
- ▶ Producing finger joints

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Tested according to DIN EN 204-D4 weathering resistant bonding for wood and derived wood products by the ift Rosenheim, Germany (institute for window techniques)
- ▶ Tested according to DIN EN 14257 (WATT 91) – Bonding strength of sealants for wood and derived wood products (ift Rosenheim, Germany)
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)

	500 ml plastic bottle	12 l plastic canister
fair beige	P84-30-C68	P84-32-C68
Pieces per packaging unit	6	1
Pieces per pallet	522	40

500 ml plastic bottles: ideally, always store and transport upright!

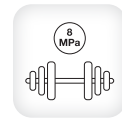
Due to typographical reasons the colours shown below may differ from the original colours of the products.

OTTOCOLL® P 85

The high-strength premium PU adhesive

1-component adhesive based on polyurethane

For indoor and outdoor application



Characteristics

- ▶ Extremely high final strength – Resistant to high mechanical stresses
- ▶ Fast curing – Short pressing and fixing times
- ▶ Compatible with natural stone – Does not cause greasy deposits on natural stones
- ▶ Grindable and paintable after curing
- ▶ Foaming/ gap bridging – Compensates minor unevenness

Fields of application

- ▶ Bonding of stone, natural stone and ceramic
- ▶ Bonding of insulating units, e.g. made of polystyrene, PVC, PU etc.
- ▶ Bonding of window sills, floor strips, decorative strips and stairs
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

Standards and tests

- ▶ Tested fire behaviour in accordance with EN 13501: class E
- ▶ Conform to LEED® v3 IEQ-credits 4.1 adhesives and sealants
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)

	310 ml cartridge	580 ml aluminium foil bag
beige	P85-04-C16	P85-08-C16
translucent	P85-04-C95	on request
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

Due to typographical reasons the colours shown below may differ from the original colours of the products.

OTTOCOLL® P 340 Rapid

The very fast PU adhesive

1-component adhesive based on polyurethane

For indoor and outdoor application



Characteristics

- ▶ Very fast curing – Short pressing and fixing times
- ▶ Very high final strength – Resistant to high mechanical stresses
- ▶ Compatible with natural stone – Does not cause greasy deposits on natural stones
- ▶ Grindable and paintable after curing
- ▶ Foaming/ gap bridging – Compensates minor unevenness

Fields of application

- ▶ Bonding of stone, natural stone and ceramic
- ▶ Bonding of insulating units, e.g. made of polystyrene, PVC, PU etc.
- ▶ Bonding of window sills, floor strips, decorative strips and stairs
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ According to the requirements of DIN EN 204-D4 to weathering resistant bondings of wood and derived wood products
- ▶ According to the requirements of DIN EN 14257 (WATT 91) to temperature-resistant bondings of wood and derived wood products
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)



	310 ml cartridge
beige	P340-04-C1038
old grey	P340-04-C1170
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

OTTOCOLL® P 410

The flowable PU adhesive

1-component polyurethane adhesive flowable

For indoor and outdoor application



Characteristics


- Free-flowing
- High final strength – Resistant to high mechanical stresses
- Grindable and paintable after curing
- Foaming/gap bridging – Compensates minor unevenness

Fields of application

- Bonding sandwich/composite boards, e.g. for partition walls, door parts, exterior walls for prefabricated houses, façade elements, vehicle superstructural parts etc.
- Bonding of large-surface elements, e.g. for prefabricated houses, caravan and container construction
- Bonding garden furniture and window edges

Standards and tests

- Meets the requirements for fire behavior according to EN 13501: Class E
- According to the requirements of DIN EN 204-D4 to weathering resistant bondings of wood and derived wood products
- According to the requirements of DIN EN 14257 (WATT 91) to temperature-resistant bondings of wood and derived wood products
- Conform to LEED® v3 IEQ-credits 4.1 adhesives and sealants
- French VOC-emission class A+
- Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)

	12l plastic canister	1,000l container	200l tin drum with tap holes*
 brown	P410-32-C05	on request	on request
Pieces per packaging unit	1	1	1
Pieces per pallet	40	1	–

* OTTO Drain cock 2" with venting (AERO-FLOW) sold separately

Due to typographical reasons the colours shown below may differ from the original colours of the products.



OTTO Accessories

OTTO drain cock 2"

p. 152

Acrylic adhesives



Acrylic adhesives

OTTOCOLL® A 265 TopFix

The fixing adhesive

1-component acrylic adhesive

For indoor application



Characteristics

- › High initial adhesion – No fixation required
- › Fast curing – Short pressing and fixing times
- › Compatible with natural stone – Does not cause greasy deposits on natural stones
- › Grindable and paintable after curing
- › Solvent-free
- › Store and transport frost-free

Fields of application

- › Bonding of stucco and ceiling profiles
- › Bonding of gypsum plasterboards
- › Bonding of cable ducts made of PVC
- › Bonding of stone, natural stone and ceramic
- › Bonding of insulating units, e.g. made of polystyrene, PVC, PU etc.
- › Bonding of window sills, floor strips, decorative strips and stairs
- › Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

Standards and tests

- › Tested fire behaviour in accordance with EN 13501: class E
- › EMICODE® EC 1 PLUS – very low emission
- › French VOC-emission class A+
- › Suitable for applications according to IVD instruction sheet no. 30+31+35 (IVD = German industry association sealants)



	310 ml cartridge	20 l hobbock
oyster white	A265-04-C194	on request
Pieces per packaging unit	20	1
Pieces per pallet	1200	16

Due to typographical reasons the colours shown below may differ from the original colours of the products.

OTTOCOLL® A 270

The film adhesive

1-component dispersion adhesive

For indoor application



Characteristics

- ▶ Durable adhesive properties – Removable/correctable
- ▶ Highly adhesive – No fixation required
- ▶ Can be processed at temperatures down to -10 °C
- ▶ Solvent-free
- ▶ Low odour – No odour nuisance
- ▶ Resistant to aging – For long-lasting indoor applications
- ▶ Frost-resistant – Can be stored and transported in temperatures as low as -10 °C for up to 48 hours

Fields of application

- ▶ For connecting air-tight strips according to DIN 4108 – 7 without pressure slats or profiles
- ▶ Not suitable for sauna and swimming pools

310 ml cartridge 580 ml aluminium foil bag

	A270-04-C987	A270-08-C987
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

Due to typographical reasons the colours shown below may differ from the original colours of the products.

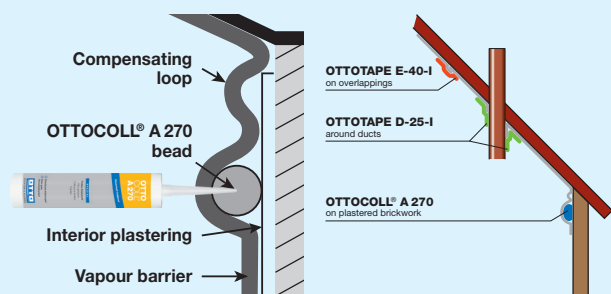
Standards and tests

- ▶ According to the requirements of DIN 4108 – 11
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 12+19-2+31+35 (IVD = German industry association sealants)



Additional useful information

For forming airtight bonds of vapour retarders and vapour barriers on absorbent substrates, such as plastering, concrete or untreated wood.



OTTO product tip

OTTOTAPE D-25-I Duct
OTTOTAPE E-40-I Overlapping

p. 158
p. 158

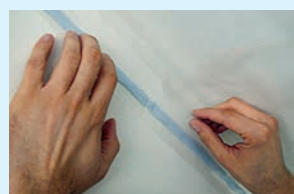
Wet method:



1. Fix vapour barrier in place with adhesive tape. Remove the fixed vapour barrier immediately after applying **OTTOCOLL® A 270** in 8 mm beads.



2. Apply vapour barrier with loop in order to compensate movements of the building.



3. Press vapour barrier **lightly** onto the bead. **CAUTION:** Please do not press it flat – **OTTOCOLL® A 270** bead must be at least 4 mm thick.

Silicone adhesives



OTTOCOLL® S16

The mirror adhesive



1-component silicone adhesive based on alkoxy, neutral cross-linking

For indoor and outdoor application



Characteristics

- ▶ Mirror-compatible – Suitable for all commercially available mirrors
- ▶ Very good adhesion on many materials – Can be used on many materials without pretreatment
- ▶ Elastic – Compensates movements

Fields of application

- ▶ Bonding of mirrors on ceramic, glass, plastic, stainless steel, aluminium, wood, concrete, etc.
- ▶ Bonding of lacquered and enamelled glass

310 ml cartridge

mint white

S16-04-C97

Pieces per packaging unit

20

Pieces per pallet

1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)



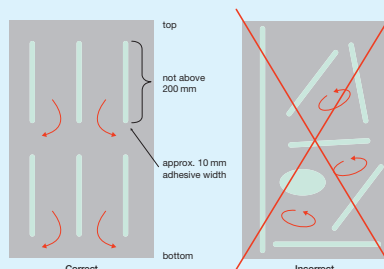
Additional useful information

For elastic bonding of mirrors on ceramics, glass, plastic, stainless steel, aluminium, wood, concrete, plaster, masonry, gypsum board, aerated concrete or untreated wood. Commercially available mirror coatings do not need to be primed. OTTO Primer 1105 must be applied thickly on mineral surfaces. Airing-out takes at least 30 minutes. Coated chipboard must be pretreated with OTTO Primer 1216. When bonding onto substrates not mentioned here, please consult our Applications Technology department.

Never apply OTTOCOLL® S16 in dots or over the whole surface but always in vertical stripes (beads). At least three adhesive stripes each approx. 10 mm wide have to be applied per square metre of mirror in order to enable the air circulation required for vulcanisation. The minimum distance between the mirror and substrate must be 1.6 mm, which can be realised by applying spacers. Preliminary fixation until curing (at least 48 hours) can be carried out with adhesive strips, blocks of wood or wedges.

For sealing the outside edges of the mirror in combination with natural stones we advise OTTOSEAL® S70, S80 and S140, in combination with other materials like ceramics, metal, glass etc. we advise OTTOSEAL® S120 and S125.

Please note that sealing must only be performed following the complete curing of the OTTOCOLL® S16 mirror adhesive and once the decomposition products have completely escaped. This takes about seven days. Mirrors without glass backs should only be sealed at the vertical edges to avoid damage to the mirror coating caused by the formation of condensed water.



For an ideal adhesion or load capacity an undercoat of minimum 10 cm² per kg weight of pane, applied in strings, is necessary.

OTTOCOLL® S495

The panel adhesive



1-component silicone adhesive based on alkoxy, neutral cross-linking

For indoor and outdoor application



Characteristics

- ▶ Very good adhesion on many substrates – Suitable for all commercially available panels
- ▶ Flame retardant – building material class B1 according to DIN 4102 – Can be used under increased fire protection requirements
- ▶ Efficient wall panel mounting – Bonding of large wall surfaces in a short time
- ▶ Compatible with acrylic glass and polycarbonate – Does not cause stress cracks
- ▶ Elastic – Compensates movements
- ▶ Low odour – No odour nuisance
- ▶ Solvent-free – Room can be used immediately

Fields of application

- ▶ Bonding of wall cladding panels indoors, such as in sanitary, kitchen and catering areas and in cold storage rooms
- ▶ Bonding in rooms with increased fire protection requirements, such as in escape routes
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

Standards and tests

- ▶ Tested according to DIN 4102-B1 – hardly inflammable
- ▶ EMICODE® EC 1 PLUS – very low emission
- ▶ French VOC-emission class A+
- ▶ Declaration in "baubook" Austria
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)



	310 ml cartridge	580 ml aluminium foil bag
white	S495-04-C01	S495-08-C01
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

Due to typographical reasons the colours shown below may differ from the original colours of the products.

OTTOCOLL® S610

The 2-component silicone adhesive



2-component silicone adhesive alkoxy-based, condensation cross-linking

For indoor and outdoor application



Characteristics

- ▶ Very fast full curing – Stress can be applied to the bond very quickly
- ▶ Very good adhesion on many materials – Can be used on many materials without pretreatment
- ▶ Elastic – Compensates movements
- ▶ Excellent weathering, ageing and UV-resistance
- ▶ Compatible with PVB sheets according to the criteria of ift-guideline DI-02/1 – Suitable for processing VSG

Fields of application

- ▶ Bonding glass in bad weather and UV exposure
- ▶ Bonding of mirrors on ceramic, glass, plastic, stainless steel, aluminium, wood, concrete, etc.
- ▶ Bonding of lacquered and enamelled glass
- ▶ Bonding and mounting different materials, such as wood, wooden materials, plastics, metals and mineral substrates

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 30+31+35 (IVD = German industry association sealants)

490 ml side-by-side plastic cartridge

● black	S610-2030-43-C04
● fair grey	S610-2080-43-C5200

Pieces per packaging unit
Pieces per pallet

9
540

1 OTTO static mixing nozzle MFQX 10-24T is supplied with each cartridge

Due to typographical reasons the colours shown below may differ from the original colours of the products.



OTTO Accessories

OTTO Hand-operated gun Gigapress Duo 490	p. 131
OTTO Compressed air gun P490 DP2X	p. 133
OTTO Accumulator gun 2K AP400	p. 135
OTTO Static mixing nozzle MFQX 10-24T	p. 151

Glass, window and façade adhesives

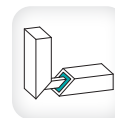


OTTOCOLL® P 86

The corner connection adhesive

1-component adhesive based on polyurethane

For indoor and outdoor application



Characteristics

- ▶ Excellent adhesion on metals
- ▶ Foaming – Fills cavities
- ▶ Long skin-formation – Long processing time
- ▶ Tensile strength after 7 days – approx. 14.000 N (ift-test certificate)

Fields of application

- ▶ General bonding in metal construction
- ▶ Weathering resistant bonding of corner joints on metal windows, doors and façades as well as conservatories

310 ml cartridge 580 ml aluminium foil bag

translucent	P86-04-C95	P86-08-C95
white	P86-04-C01	P86-08-C01
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Tensile strength tested by the ift Rosenheim, Germany (institute for window techniques)
- ▶ According to the requirements of DIN EN 204-D4 to weathering resistant bondings of wood and derived wood products
- ▶ According to the requirements of DIN EN 14257 (WATT 91) to temperature-resistant bondings of wood and derived wood products
- ▶ Expertise about the use of OTTOCOLL® P 86 translucent for bonding modified wood (Georg-August-University Göttingen, Germany)
- ▶ Conform to LEED® v3 IEQ-credits 4.1 adhesives and sealants
- ▶ French VOC-emission class A+
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)



Additional useful information

For bonding metals, the adhesive must not only have very fast curing but also excellent adhesive power on the metals used. OTTOCOLL® P 86 being an adhesive based on PU is immediately ready to use and easy to handle.

Curing takes place via the chemical reaction with moisture, which is effected by spraying the surfaces to be bonded. Since small quantities of carbon dioxide are formed while curing, OTTOCOLL® P 86 increases slightly in volume enabling hollow spaces to be filled up creating a tight anchoring of angle brackets and aluminium profiles.

The high bonding strength of corner joints of OTTOCOLL® P 86 is confirmed by a test certificate issued by the Institute for Window Technology, Rosenheim, Germany (ift Rosenheim).

Processing of OTTOCOLL® P 86

When using 1-component PU adhesives, a damp surface of the joint partner can support the thorough hardening. Lightly spray the parts to be bonded with water, apply OTTOCOLL® P 86 and join within the skin-forming time of approx. 20 minutes. The materials to be bonded must be affixed before the adhesive has hardened. The bonded parts can be used after about 2 hours.



P 520

★★★★★
PREMIUM

OTTOCOLL® P 520

The premium corner connection adhesive



2-component adhesive based on polyurethane

For indoor and outdoor application







Characteristics

- ▶ Available in six processing times from 1 to 45 minutes
- ▶ Fast curing even in thick layers – Fast further processing
- ▶ Reliable curing in a defined period of time – Predictable handling and functional strength
- ▶ Non-shrink curing – No volume shrinkage
- ▶ Tensile strength after 7 days – approx. 14.000 N (ift-test certificate)

Fields of application

- ▶ Weathering resistant bonding of corner joints on metal windows, doors and façades as well as conservatories
- ▶ General bonding in metal construction
- ▶ Also suitable for firm bonding of very different materials such as wood, metal, plastics, stone etc.

Technical properties (Comparison table p. 83)

Processing time	~ 45 min	
Functional strength*	~ 6h	
Final strength*	~ 3 days	
*Achievement of the functional strength/final strength at 23 °C/50 % RH		
	2x190 ml plastic twin cartridge	2x310 ml plastic twin cartridge
 cream white	P520-15-C635	P520-16-C635
 dark brown	P520-15-C49	P520-16-C49
 RAL 7004	P520-15-C7004	on request
 RAL 9016	on request	P520-16-C9016
Pieces per packaging unit	10	10
Pieces per pallet	600	600

1 OTTO static mixing nozzle KWM 18K is supplied with each cartridge

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Standards and tests

- ▶ Tensile strength tested by the ift Rosenheim, Germany (institute for window techniques)
- ▶ According to the requirements of DIN EN 204-D4 to weathering resistant bondings of wood and derived wood products
- ▶ According to the requirements of DIN EN 14257 (WATT 91) to temperature-resistant bondings of wood and derived wood products
- ▶ Conform to LEED® v3 IEQ-credits 4.1 adhesives and sealants
- ▶ French VOC-emission class A+
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)



Additional useful information

In order to meet the requirements for a permanent joint of frame profiles and corner brackets, the adhesive must not only cure very quickly, but above all show excellent adhesive power on the metals used.

The high bonding strength of corner joints of OTTOCOLL® P 520 is confirmed by a test certificate issued by the Institute for Window Technology Rosenheim, Germany (ift Rosenheim). The corner connection resisted an applied load of 1,400 kg after only 24 h curing time.

The static mixer fitted onto the twin cartridge makes OTTOCOLL® P 520 is not only easy to use but also ensures the right mixing ratio and a very homogeneous blend.

Since OTTOCOLL® P 520 once cured is not brittle, but remains permanently viscoplastic, the bonding shows outstanding knock and shock resistance.



OTTO Accessories

- OTTO Hand-operated gun 2K H293
- OTTO Compressed air gun P2x310
- OTTO Static mixing nozzle KWM 18K

p. 131
p. 133
p. 148

Processing of OTTOCOLL® P 520 secure – fast – multi-variant

OTTOCOLL® P 520 in the easy-to-process double cartridge together with the static mixer completely rules out mixing errors and cures even in very thick layers.

The 2-component system with a 1 : 1 mixing ratio also facilitates variable adjustments in terms of processing time, product characteristics and colouring.



OTTOCOLL® P 520 SP 4897

The 2-component PU adhesive for bonding corners



2-component adhesive based on polyurethane

For indoor and outdoor application

Characteristics

- ▶ Fast curing even in thick layers – Fast further processing
- ▶ Reliable curing in a defined period of time – Predictable handling and functional strength
- ▶ Non-shrink curing – No volume shrinkage



Fields of application

- ▶ Weathering resistant bonding of corner joints on metal windows, doors and façades as well as conservatories
- ▶ General bonding in metal construction
- ▶ Bonding sandwich/composite boards, e. g. for partition walls, door parts, exterior walls for prefabricated houses, façade elements, vehicle superstructural parts etc.
- ▶ Also suitable for firm bonding of very different materials such as wood, metal, plastics, stone etc.

Standards and tests

- ▶ According to the requirements of DIN EN 204-D4 to weathering resistant bondings of wood and derived wood products
- ▶ According to the requirements of DIN EN 14257 (WATT 91) to temperature-resistant bondings of wood and derived wood products
- ▶ French VOC-emission class A+
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)

Technical properties (Comparison table p. 83)

Processing time	~ 40 min	
Functional strength*	~ 6 h	
Final strength*	~ 7 days	
*Achievement of the functional strength/final strength at 23 °C/50 % RH		
	2x190 ml plastic twin cartridge	2x310 ml plastic twin cartridge
 cream white	on request	SP4897-16-C635
 RAL 7004	SP4897-15-C7004	on request
Pieces per packaging unit	10	10
Pieces per pallet	600	600

1 OTTO static mixing nozzle KWM 18K is supplied with each cartridge

Due to typographical reasons the colours shown below may differ from the original colours of the products.



OTTO Accessories

OTTO Hand-operated gun 2K H 293	p. 131
OTTO Compressed air gun P 2x310	p. 133
OTTO Static mixing nozzle KWM 18K	p. 148

Technical properties	Reliable curing in a defined period of time					
	P 520	P 520 SP 4897	P 520 SP 5276	P 520 SP 5477	P 520 SP 5747	P 520 SP 6319
Product details	p. 82	p. 83	p. 84	p. 84	p. 85	p. 85
Processing time	~ 45 min	~ 40 min	~ 1 min	~ 5 min	~ 3 min	~ 15 min
Functional strength*	~ 6 h	~ 6 h	~ 15 min	~ 45 min	~ 80 min	~ 5 h
Final strength*	~ 3 days	~ 7 days	~ 1 days	~ 2–3 days	~ 3 days	~ 3 days
Shore D-hardness	~ 60	~ 70	~ 85	~ 75	~ 80	~ 65

*Achievement of the functional strength/final strength at 23 °C/50 % RH

P 520 SP 5276

★★★★
PREMIUM

OTTOCOLL® P 520 SP 5276

Semirigid 2-component PU adhesive

2-component adhesive based on polyurethane

For indoor and outdoor application



Characteristics

- ▶ Fast curing even in thick layers – Fast further processing
- ▶ Reliable curing in a defined period of time – Predictable handling and functional strength
- ▶ Non-shrink curing – No volume shrinkage

Fields of application

- ▶ Bonding of reinforcement stripes made of metal or glass fibre reinforced plastics in worktops
- ▶ Bonding of stone, natural stone and ceramic

Standards and tests

- ▶ French VOC-emission class A+
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)

Technical properties (Comparison table p. 83)

Processing time	~ 1 min
Functional strength*	~ 15 min
Final strength*	~ 1 days

*Achievement of the functional strength/final strength at 23 °C/50 % RH

2x310 ml plastic twin cartridge

 olive yellow	SP5276-16-C6855
Pieces per packaging unit	10
Pieces per pallet	600

1 OTTO static mixing nozzle KWM 10 is supplied with each cartridge

Due to typographical reasons the colours shown below may differ from the original colours of the products.



OTTO Accessories

OTTO Hand-operated gun 2K H293

p. 131

OTTO Compressed air gun P2x310

p. 133

OTTO Static mixing nozzle KWM 10

p. 148

P 520 SP 5477

★★★★
PREMIUM

OTTOCOLL® P 520 SP 5477

Viscoplastic 2-component PU adhesive

2-component adhesive based on polyurethane

For indoor and outdoor application



Characteristics

- ▶ Fast curing even in thick layers – Fast further processing
- ▶ Reliable curing in a defined period of time – Predictable handling and functional strength
- ▶ Non-shrink curing – No volume shrinkage

Fields of application

- ▶ Firm bonding of metals, e.g. aluminium, stainless steel, galvanised steel, copper
- ▶ Firm bonding of wood and derived wood products, e.g. chipboards, plywood etc. and in the staircase renovation
- ▶ Bonding of mineral substrates, e.g. concrete
- ▶ Bonding of stone, natural stone and ceramic
- ▶ Bonding of fireproof panels, e.g. made of gypsum fibreboard or gypsum plasterboard

Standards and tests

- ▶ According to the requirements of DIN EN 204-D4 to weathering resistant bondings of wood and derived wood products
- ▶ According to the requirements of DIN EN 14257 (WATT 91) to temperature-resistant bondings of wood and derived wood products
- ▶ French VOC-emission class A+
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)

Technical properties (Comparison table p. 83)

Processing time	~ 5 min
Functional strength*	~ 45 min
Final strength*	~ 2–3 days

*Achievement of the functional strength/final strength at 23 °C/50 % RH

2x190 ml plastic twin cartridge

 cream white	SP5477-15-C635
Pieces per packaging unit	10
Pieces per pallet	600

1 OTTO static mixing nozzle KWM 18K is supplied with each cartridge

Due to typographical reasons the colours shown below may differ from the original colours of the products.



OTTO Accessories

OTTO Hand-operated gun 2K H293

p. 131

OTTO Compressed air gun P2x310

p. 133

OTTO Static mixing nozzle KWM 18K

p. 148

**P 520 SP 5747**

OTTOCOLL® P 520 SP 5747

The 2-component PU adhesive for bonding corners

2-component adhesive based on polyurethane

For indoor and outdoor application



Characteristics

- ▶ Fast curing even in thick layers – Fast further processing
- ▶ Reliable curing in a defined period of time – Predictable handling and functional strength
- ▶ Non-shrink curing – No volume shrinkage

Fields of application

- ▶ Weathering resistant bonding of corner joints on metal windows, doors and façades as well as conservatories
- ▶ General bonding in metal construction
- ▶ Also suitable for firm bonding of very different materials such as wood, metal, plastics, stone etc.

Standards and tests

- ▶ According to the requirements of DIN EN 204-D4 to weathering resistant bondings of wood and derived wood products
- ▶ According to the requirements of DIN EN 14257 (WATT 91) to temperature-resistant bondings of wood and derived wood products
- ▶ French VOC-emission class A+
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)

Technical properties (Comparison table p. 83)

Processing time	~ 3 min
Functional strength*	~ 80 min
Final strength*	~ 3 days

*Achievement of the functional strength/final strength at 23 °C/50 % RH

2x190 ml plastic twin cartridge

 old grey	SP5747-15-C1170
Pieces per packaging unit	10
Pieces per pallet	600

1 OTTO static mixing nozzle KWM 18K is supplied with each cartridge

Due to typographical reasons the colours shown below may differ from the original colours of the products.



OTTO Accessories

OTTO Hand-operated gun 2K H293	p. 131
OTTO Compressed air gun P2x310	p. 133
OTTO Static mixing nozzle KWM 18K	p. 148

**P 520 SP 6319**

OTTOCOLL® P 520 SP 6319

The 2-component PU adhesive for bonding corners

2-component adhesive based on polyurethane

For indoor and outdoor application



Characteristics

- ▶ Fast curing even in thick layers – Fast further processing
- ▶ Reliable curing in a defined period of time – Predictable handling and functional strength
- ▶ Non-shrink curing – No volume shrinkage

Fields of application

- ▶ Weathering resistant bonding of corner joints on metal windows, doors and façades as well as conservatories
- ▶ General bonding in metal construction
- ▶ Also suitable for firm bonding of very different materials such as wood, metal, plastics, stone etc.

Standards and tests

- ▶ According to the requirements of DIN EN 204-D4 to weathering resistant bondings of wood and derived wood products
- ▶ According to the requirements of DIN EN 14257 (WATT 91) to temperature-resistant bondings of wood and derived wood products
- ▶ French VOC-emission class A+
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Suitable for applications according to IVD instruction sheet no. 30+35 (IVD = German industry association sealants)

Technical properties (Comparison table p. 83)

Processing time	~ 15 min
Functional strength*	~ 5 h
Final strength*	~ 3 days

*Achievement of the functional strength/final strength at 23 °C/50 % RH

2x190 ml plastic twin cartridge

 cream white	SP6319-15-C635
Pieces per packaging unit	10
Pieces per pallet	600

1 OTTO static mixing nozzle KWM 18K is supplied with each cartridge

Due to typographical reasons the colours shown below may differ from the original colours of the products.



OTTO Accessories

OTTO Hand-operated gun 2K H293	p. 131
OTTO Compressed air gun P2x310	p. 133
OTTO Static mixing nozzle KWM 18K	p. 148

OTTOFLEX® system compound sealing



OTTOFLEX® Protective coating

The ready-to-use composite sealing

Synthetic resin dispersion based on styrene butadiene

For indoor application



Characteristics

- › Sealing against humidity
- › Compatible with commercially available tile adhesives and solvent-free coatings
- › Compatible with OTTO silicone sealants
- › Ready-to-use, easily applicable by rolling, painting or trowelling
- › Very short drying time of 2 to 3 hours
- › High crack bridging properties
- › Free of plasticisers and solvents
- › Store and transport frost-free
- › Complies with building material class B2 "normally inflammable" in accordance with DIN 4102-1

Fields of application

- › Composite sealing in moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone using the thin bed method
- › Suitable for very various substrates, e.g. gypsum, gypsum plasterboards, gypsum fibre, (cellular-) concrete, masonry, stone, screed

Standards and tests

- › Complies with the water action categories W0-I, W1-I and W2-I for tear class R1-I in accordance with DIN 18534
- › General building inspection certificate – Liquid seal in combination with tiles and board coverings for use as building sealant
- › Conform to the moisture resistance classes A0 according to ZDB and A according to abP
- › Based on the inspections for awarding an abP in accordance with PG-AIV-F and the resulting areas of application, the following stress categories can be assigned from the ÖNORM B 3407 – W1, W2, W3 and W4
- › GISCODE BSW10
- › French VOC-emission class A
- › EMICODE® EC 1 PLUS – very low emission



	7 kg plastic pail*	12 kg plastic pail*	20 kg plastic pail*	90 kg plastic drum**
fair blue	OFFF-45	OFFF-46	OFFF-35	OFFF-36
Pieces per packaging unit	1	1	1	1
Pieces per pallet	45	33	24	4

* Container with colour paste for the second coat included

** The necessary colour bag for the 90-kg drum must be ordered separately according to requirements. For colouring 20 kg of protective coating, we recommend 1 bag of coloured paste (10g), i.e. approx. 5 bags for 90 kg.



Additional useful information

DIN 18534-1 stipulates the application of at least two layers of fluid sealant (AIV-F) which must entirely cover the surface and be in two contrasting colours.

OTTOFLEX® Protective Coating offers an innovative solution to this:

A colour paste is provided with each container. Empty the contents of the sachet into the remaining liquid coating, mix well and apply as usual.

Advantages of the colour additive:

- › Fewer containers required
- › No risk of confusion during transport or on the building site

The tile adhesives tested in the system can be found on our website:



OTTO product tip

OTTOFLEX® Primer

p. 91

OTTOFLEX® Sealing strip

The time-saving composite sealing

Polyethylene sealing strip with double non-woven fabric

For indoor and outdoor application



Characteristics

- › Impermeable to water and has water vapour retarding properties
- › High practical stretching and crack bridging properties
- › Resistant to ageing and decomposition
- › Good resistance to aqueous solutions of salt, acids and alkaline solutions
- › The product is alkali-resistant according to the test specifications of abP Sealing in connection with tiles and slabs and of ETAG 022
- › Complies with building material class B2 "normally inflammable" in accordance with DIN 4102-1

Fields of application

- › Composite sealing in moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone using the thin bed method (e.g. wet areas such as bathrooms, shower rooms, edge areas of swimming pools, saunas, steam baths, steam saunas, as well as for industrial uses in the foodstuffs industry, e.g. in breweries, dairies)
- › Flexible composite sealing under ceramic coverings and natural stone on balconies, terraces and arcades (not above used rooms) with a gradient $\geq 1.5\%$
- › OTTOFLEX® Sealing strip is a crack-bridging, uncoupling, watertight, alternative sealing strip with non-woven fabric for safe fastening of the tile adhesive applied

Standards and tests

- › Complies with the water action categories W0-I, W1-I, W2-I and W3-I for tear class R1-I in accordance with DIN 18534
- › According to the moisture resistance classes A and C according to abP as well as A0 and B0 according to ZDB information sheet
- › General building inspection certificate – Panel-shaped seal in combination with tiles and board coverings for use as building sealant
- › Based on the inspections for awarding an abP in accordance with PG-AIV-F and the resulting areas of application, the following stress categories can be assigned from the ÖNORM B 3407 – W1, W2, W3, W4, W5 and W6
- › French VOC-emission class A+
- › EMICODE® EC 1^{PLUS} – very low emission



Dimension (length x width)	Order unit (OU)	Pieces per pallet	Order code
30 m x 1 m	1 piece	26	OFAB-100



Additional useful information

The tile adhesives tested in the system can be found on our website:



OTTO product tip

OTTOCOLL® M500

p. 63

OTTOFLEX® Slurry seal coating

The heavy-duty composite sealing

Highly polymer-modified cementitious coating

For indoor and outdoor application



Characteristics

- 1-component, flexible composite sealing – quick-curing
- Crack-bridging
- Easy to use
- Crack-free curing
- Watertight and permeable to vapour diffusion after curing
- Resistant to frost and aging after setting
- Complies with building material class B2 “normally inflammable” in accordance with DIN 4102-1

Fields of application

- For application in interior and exterior areas
- Flexible composite sealing under ceramic coverings and natural stone in moisture-prone rooms and wet rooms
- Flexible composite sealing under ceramic coverings and natural stone on balconies, terraces and arcades (not above used rooms) with a gradient $\geq 1.5\%$
- Construction waterproofing of components which have contact with the earth to protect against ground moisture and non-oppressive water, such as exterior cellar walls and supporting walls
- For sealing swimming pools and solid water containers for the interior and the exterior, authorised for a water depth of up to 4 m
- Suitable for substrates which are sufficiently stable such as gypsum plasterboard, gypsum fibre, screed, heated screed, concrete, masonry, cellular concrete and plasters classified by mortar groups II and III
- In very wet areas conform to stress categories A and B according to abP

Standards and tests

- General building inspection certificate – Liquid seal in combination with tiles and board coverings for use as building sealant
- Complies with the water action categories W0-I, W1-I, W2-I and W3-I for tear class R1-I in accordance with DIN 18534
- Complies with the water action category W1-B for the tear classes R0-B and R1-B for the container sites S1-B and S2-B in accordance with DIN 18535
- Conform to the stress categories A and B according to abP
- Conform to the moisture resistance classes A0 and B0 according to ZDB information sheet
- Based on the inspections for awarding an abP in accordance with PG-AIV-F and the resulting areas of application, the following stress categories can be assigned from the ÖNORM B 3407 – W1, W2, W3, W4, W5 (except areas with increased chemical stress) and W6
- Watertightness tested in accordance with DIN EN 14891, table 1
- GISCODE ZP1
- French VOC-emission class A+

	20 kg sack
 grey	OFDS-108
Pieces per packaging unit	1
Pieces per pallet	50



Additional useful information

The tile adhesives tested in the system can be found on our website:



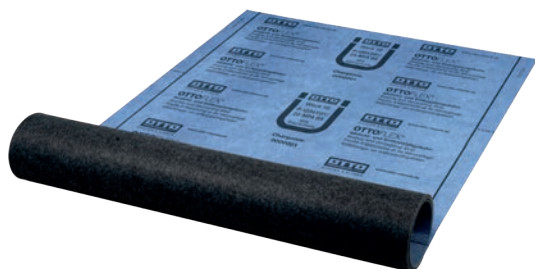
OTTOFLEX® Sealing and decoupling strip

The decoupling composite sealing



Special elastomer tape fully fabric reinforced on both sides

For indoor and outdoor application



Characteristics

- › Optimal for critical substrates
- › Very high stretching and crack bridging properties
- › Fast further processing
- › Resistant to aging
- › Sealing strip with high decoupling effect
- › Impermeable to water and has water vapour retarding properties
- › The product is alkali-resistant according to the test specifications of abP Sealing in connection with tiles and slabs and of ETAG 022
- › Complies with building material class B2 “normally inflammable” in accordance with DIN 4102-1

Fields of application

- › For decoupling, crack bridging and waterproof composite sealing in the floor area
- › Composite sealing in moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone using the thin bed method (e.g. wet areas such as bathrooms, shower rooms, edge areas of swimming pools, saunas, steam baths, steam saunas, as well as for industrial uses in the foodstuffs industry, e.g. in breweries, dairies)
- › Flexible composite sealing under ceramic coverings and natural stone on balconies, terraces and arcades (not above used rooms) with a gradient $\geq 1.5\%$

Standards and tests

- › Complies with the water action categories W0-I, W1-I, W2-I and W3-I for tear class R1-I in accordance with DIN 18534
- › According to the moisture resistance classes A and C according to abP as well as A0 and B0 according to ZDB information sheet
- › General building inspection certificate – Panel-shaped seal in combination with tiles and board coverings for use as building sealant
- › Based on the inspections for awarding an abP in accordance with PG-AIV-F and the resulting areas of application, the following stress categories can be assigned from the ÖNORM B 3407 – W1, W2, W3, W4, W5 and W6
- › EMICODE® EC 1 PLUS – very low emission
- › French VOC-emission class A+



Dimension (length x width)	Order unit (OU)	Pieces per pallet	Order code
15 x 1 m	1 piece	18	OFAEB-100



Additional useful information

The tile adhesives tested in the system can be found on our website:



OTTOFLEX® Primer

The adhesion-enhancing primer for absorbent substrates

Synthetic resin dispersion based on styrene butadiene

For indoor and outdoor application



Standards and tests

- › Tested in relation to OTTOFLEX® Protective Coating in accordance with the test principles to issue a general appraisal certificate for liquid processable sealings in relation to tile and paving tiles
- › Complies with the stress categories W1 and W2 in accordance with ÖNORM B 3407
- › GISCODE BSW10
- › French VOC-emission class A+
- › EMICODE® EC 1 PLUS – very low emission




Characteristics

- › Synthetic resin dispersion based on styrene butadiene
- › Solvent-free
- › In combination with OTTOFLEX® Protective Coating it complies with the requirements of the moisture resistance classes A0 according to ZDB-information sheet as well as A according to abP
- › Store and transport frost-free

Fields of application

- › Primer for OTTOFLEX® Protective coating, on absorbent and heavily absorbent substrates such as gypsum plasterboards, gypsum plaster components, plaster, concrete, cellular concrete, masonry, stone, screed, chipboard or fibreboard

	1 kg plastic bottle	5 kg plastic canister	10 kg plastic canister	200 kg plastic drum
 fair blue	OFVA-39	OFVA-59	OFVA-61	OFVA-66
Pieces per packaging unit	10	1	1	1
Pieces per pallet	480	90	60	2



OTTO product tip

OTTOFLEX® Protective coating

p. 87

OTTOFLEX® Deep primer

The adhesion-enhancing primer to reinforce the substrate

Synthetic resin dispersion based on styrene butadiene

For indoor and outdoor application



Characteristics

- › Solvent-free primer for floors and walls
- › Impregnates deeply into the surface
- › Forms a very good bonding agent for subsequent coatings
- › Improves the adhesion of plasters, tile adhesives and wallpapers
- › Dilutable 1:2 with water
- › Store and transport frost-free



Fields of application

- › Priming and reinforcing of absorbent and less absorbent surfaces
- › Primer should be applied prior to the application of acrylate coatings and commercially available solvent-free tile adhesives on gypsum boards, gypsum and lime-gypsum plasterings, gypsum floors, gypsum fibreboards, concrete, cellular concrete, sand-lime brick, bricks, masonry, plasters, screeds, anhydrite floors and melted asphalt screeds, panelling, priming and self-spreading floor leveling compounds
- › Use within the scope of tile setting according to DIN 18157-1
- › Facilitates the removal of wallpapers during renovating work
- › Improves the load-bearing strength and firmness of the substrate

Standards and tests

- › Complies with the stress categories W1 and W2 in accordance with ÖNORM B 3407
- › GISCODE BSW20
- › EMICODE® EC 1 PLUS – very low emission
- › French VOC-emission class A+



	1 kg plastic bottle	5 kg plastic canister	10 kg plastic canister
 fair blue	OFTG-39	OFTG-59	OFTG-61
Pieces per packaging unit	10	1	1
Pieces per pallet	360	90	60
	20 kg plastic canister	200 kg plastic drum	
 fair blue	OFTG-68	OFTG-66	
Pieces per packaging unit	1	1	
Pieces per pallet	24	2	

OTTOFLEX® Adhesive primer

The adhesion-enhancing primer for non-absorbent substrates

Synthetic resin dispersion based on styrene butadiene

For indoor and outdoor application



Standards and tests

- › GISCODE BSW10
- › EMICODE® EC 1^{PLUS} – very low emission
- › French VOC-emission class A+



	1 kg plastic bottle	6 kg plastic pail
 fair blue	OFHG-48	OFHG-45
Pieces per packaging unit	10	1
Pieces per pallet	480	45

Characteristics

- › Adhesion-enhancing primer for floor and walls
- › High-strength bond adhesion even on sealed, smooth substrates such as glazed ceramic tiles
- › Very short, 1-hour drying time on non-absorptive substrates; no drying time on absorptive substrates
- › Compatible with commercially available tile adhesives and solvent-free coatings
- › Solvent-free
- › Store and transport frost-free

Fields of application

- › Primer and bonding course on absorptive and non-absorptive floor and wall areas indoors and outdoors before laying ceramic coverings
- › Suitable for a large variety of substrate, for example hydraulically hardening cement, lime and gypsum plasters, gypsum plaster boards, gypsum fibreboards, brickwork, aerated concrete, lime-sand brick, cement, anhydrite, magnesia and mastic asphalt screeds, timber floorboards, self-levelling floor-levelling compound/material, natural stone, glazed ceramic tiles, steel and glass
- › Creates a secure bond with the following coatings and water-based thin-bed mortars

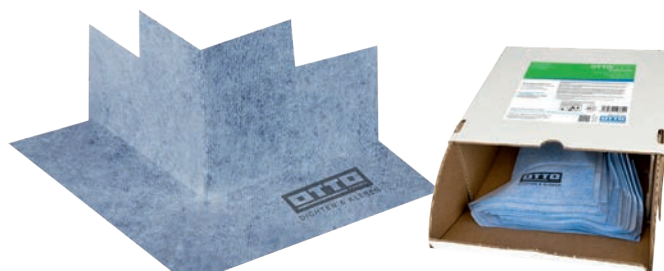
OTTOFLEX® Exterior corner tape

The pre-shaped exterior corner tape



Exterior corner tape fully fabric reinforced on both sides with special elastomer sealing layer

For indoor and outdoor application



Characteristics

- › Secure connection with OTTOFLEX® protective coating/slurry seal coating/sealing strip/sealing and decoupling strip
- › Pre-shaped for perfect application
- › Extremely elastic and tear resistant
- › Resistant to aging

Fields of application

- › Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone
- › Elastic corner tape for permanent waterproof sealing of exterior corners under tiles, boards and ceramic coverings

Standards and tests

- › Complies with the water action categories W0-I, W1-I, W2-I and W3-I for tear class R1-I in accordance with DIN 18534
- › Complies with the water action category W1-B for the tear classes R0-B and R1-B for the container sites S1-B and S2-B in accordance with DIN 18535
- › According to the moisture resistance classes A0 and B0 according to ZDB as well as A, B and C according to abP
- › Complies with the stress categories W1, W2, W3, W4, W5 and W6 in accordance with ONORM B 3407
- › French VOC-emission class A+
- › EMICODE® EC 1^{PLUS} – very low emission



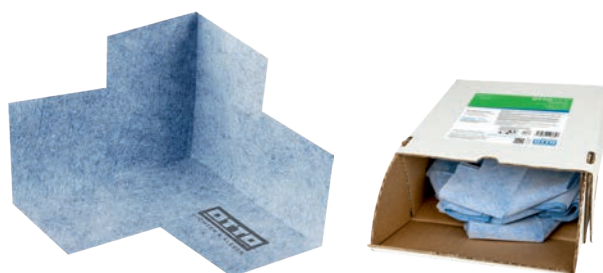
Dimension (length x width)	Order unit (OU)	Packaging unit (PU)	Packaging	Order code
15 x 6 / 9 cm	1 piece	4 pieces	box	OFAE
15 x 6 / 9 cm	20 pieces	20 pieces	donor box	OFAE20

OTTOFLEX® Interior corner tape

The pre-shaped interior corner tape

Interior corner tape fully fabric reinforced on both sides with special elastomer sealing layer

For indoor and outdoor application



Characteristics

- Secure connection with OTTOFLEX® protective coating/slurry seal coating/sealing strip/sealing and decoupling strip
- Pre-shaped for perfect application
- Extremely elastic and tear resistant
- Resistant to aging

Fields of application

- Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone
- Elastic corner tape for permanent waterproof sealing of interior corners under tiles, boards and ceramic coverings

Standards and tests

- Complies with the water action categories W0-I, W1-I, W2-I and W3-I for tear class R1-I in accordance with DIN 18534
- Complies with the water action category W1-B for the tear classes R0-B and R1-B for the container sites S1-B and S2-B in accordance with DIN 18535
- According to the moisture resistance classes A0 and B0 according to ZDB as well as A, B and C according to abP
- Complies with the stress categories W1, W2, W3, W4, W5 and W6 in accordance with ÖNORM B 3407
- French VOC-emission class A+
- EMICODE® EC 1 PLUS – very low emission



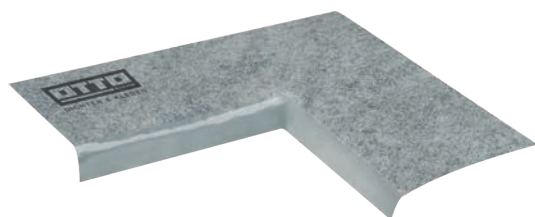
Dimension (length x width)	Order unit (OU)	Packaging unit (PU)	Packaging	Order code
15 x 6 / 9 cm	1 piece	10 pieces	box	OFIE
15 x 6 / 9 cm	50 pieces	50 pieces	donor box	OFIE50

OTTOFLEX® Multifunctional corner

The universal multifunctional corner

Multifunctional corner fully fabric reinforced on both sides with special elastomer sealing layer

For indoor application



Characteristics

- Secure connection with OTTOFLEX® protective coating/slurry seal coating/sealing strip/sealing and decoupling strip
- Polyethylene film with polypropylene fleece on both sides and self-adhesive strips of butyl rubber
- Optimal for special installation situations with floor-level shower trays
- Self-adhesive strips on one side for easy workability
- Perfect match for OTTOFLEX® bath edge sealing tape
- Extremely elastic and tear resistant

Fields of application

- Composite sealing in moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone using the thin bed method
- Sealing between the shower trays and floor-level shower trays in the transition area of the wall and floor, as well as floor offset of the shower board area

Standards and tests

- Complies with the water action categories W0-I, W1-I and W2-I in accordance with DIN 18534
- According to the moisture resistance classes according to ZDB and abP
- Complies with the stress categories W1, W2, W3 and W4 in accordance with ÖNORM B 3407
- EMICODE® EC 1 PLUS – very low emission
- French VOC-emission class A+



Dimension (length x width)	Order unit (OU)	Packaging unit (PU)	Packaging	Order code
24,7 x 2,5 cm	1 piece	3 pieces	box	OFMFE

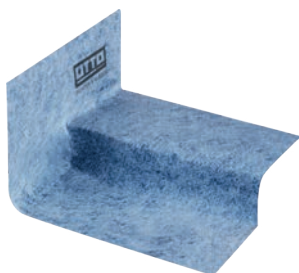
OTTOFLEX® Shower board corner

The pre-shaped shower board corner



Shower board corner fully fabric reinforced on both sides with special elastomer sealing layer

For indoor and outdoor application



Characteristics

- Secure connection with OTTOFLEX® protective coating/slurry seal coating/sealing strip/sealing and decoupling strip
- Polyethylene film with polypropylene fleece on both sides
- Preformed for optimal sealing of offset levels/offset levels in floor-level showers
- Extremely elastic and tear resistant
- Resistant to aging

Fields of application

- Composite sealing in moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone using the thin bed method
- Sealing between the shower trays and floor-level shower trays in the transition area of the wall and floor, as well as floor offset of the shower board area

Standards and tests

- Complies with the water action categories W0-I, W1-I, W2-I and W3-I for tear class R1-I in accordance with DIN 18534
- According to the moisture resistance classes according to ZDB and abP
- Complies with the stress categories W1, W2, W3, W4, W5 and W6 in accordance with ÖNORM B 3407
- EMICODE® EC 1 PLUS – very low emission
- French VOC-emission class A+



Dimensions (Offset height x width)	Order unit (OU)	Packaging unit (PU)	Packaging	Order code
right 20 x 120 mm	1 piece	5 pieces	box	OFDBE20R
left 20 x 120 mm	1 piece	5 pieces	box	OFDBE20L
right 28 x 120 mm	1 piece	5 pieces	box	OFDBE28R
left 28 x 120 mm	1 piece	5 pieces	box	OFDBE28L

OTTOFLEX® Bath edge corner

The practical bath edge corner



Bath edge corner fully fabric reinforced on both sides with special elastomer sealing layer

For indoor application



Characteristics

- Secure connection with OTTOFLEX® protective coating/slurry seal coating/sealing strip/sealing and decoupling strip
- Polyethylene film with polypropylene fleece on both sides and self-adhesive strips of butyl rubber
- Secure sealing in the corner area of the bath tub
- Self-adhesive strips on one side for easy workability
- Perfect match for OTTOFLEX® bath edge sealing tape
- Extremely elastic and tear resistant
- Resistant to aging

Fields of application

- Composite sealing in moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone using the thin bed method
- Sealing of inner corners between the shower tray and bathtub and the wall

Standards and tests

- Complies with the water action categories W0-I, W1-I and W2-I in accordance with DIN 18534
- According to the moisture resistance classes according to ZDB and abP
- Complies with the stress categories W1, W2, W3 and W4 in accordance with ÖNORM B 3407
- EMICODE® EC 1 PLUS – very low emission
- French VOC-emission class A+



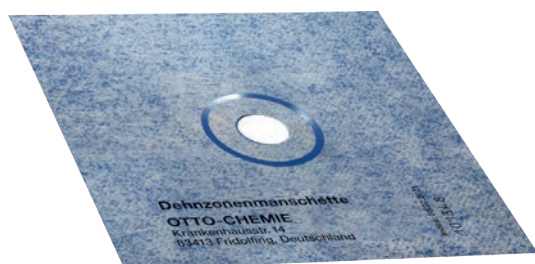
Dimensions (Offset height x width)	Order unit (OU)	Packaging unit (PU)	Packaging	Order code
15,5 x 12 cm	1 piece	3 pieces	box	OFWRE

OTTOFLEX® Flexible sealing sleeve

The universal flexible sealing sleeve

Flexible sealing sleeve fully fabric reinforced on both sides with sealing lip made of special elastomer sealing layer

For indoor and outdoor application



Characteristics

- › Secure connection with OTTOFLEX® protective coating/slurry seal coating/sealing strip/sealing and decoupling strip
- › Fits all common pipe ducts
- › Easy and quick processing
- › Extremely elastic and tear resistant
- › Resistant to aging

Fields of application

- › Special elastomer sleeve (available in 3 sizes) with expansion zone and sealing lip for permanently waterproof sealing on pipe ducts under tiles, boards and ceramic coverings
- › Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone

Standards and tests

- › Complies with the water action categories W0-I, W1-I, W2-I and W3-I for tear class R1-I in accordance with DIN 18534
- › Complies with the water action category W1-B for the tear classes R0-B and R1-B for the container sites S1-B and S2-B in accordance with DIN 18535
- › According to the moisture resistance classes according to ZDB and abP
- › Complies with the stress categories W1, W2, W3, W4, W5 and W6 in accordance with ÖNORM B 3407
- › French VOC-emission class A+
- › EMICODE® EC 1 PLUS – very low emission



Dimensions	Pipe diameter	Order unit (OU)	Packaging unit (PU)	Order code
135 x 135 mm	20-35 mm	1 piece	10 pieces	OFDM20-35
160 x 160 mm	31-50 mm	1 piece	10 pieces	OFDM31-50
215 x 215 mm	69-110 mm	1 piece	10 pieces	OFDM69-110

OTTOFLEX® Double flexible sealing sleeve

The practical double flexible sealing sleeve

Flexible sealing sleeve fully fabric reinforced on both sides with sealing lip made of special elastomer sealing layer

For indoor and outdoor application



Characteristics

- › Safe connection with OTTOFLEX® Protective coating/Slurry seal coating/Sealing strip
- › Easy and quick processing
- › Ideal for pipe ducts for mixer taps
- › Extremely elastic and tear resistant
- › Resistant to aging

Fields of application

- › Composite sealing in moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone using the thin bed method
- › Sealing of pipe ducts on mixer taps
- › Suitable for pipe ducts with 20 – 37 mm outer diameter

Standards and tests

- › Complies with the water action categories W0-I, W1-I, W2-I and W3-I for tear class R1-I in accordance with DIN 18534
- › According to the moisture resistance classes according to ZDB and abP
- › Complies with the stress categories W1, W2, W3, W4, W5 and W6 in accordance with ÖNORM B 3407
- › EMICODE® EC 1 PLUS – very low emission
- › French VOC-emission class A+



Dimension (length x width)	Pipe diameter	Order unit (OU)	Packaging unit (PU)	Order code
290 x 140 mm	20-37 mm	1 piece	20 pieces	OFDDZM

OFBM

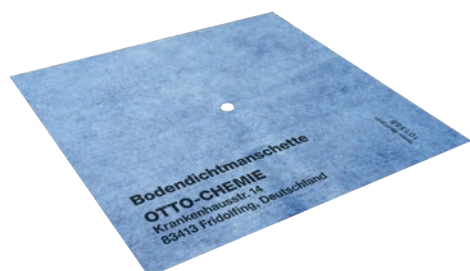
OTTOFLEX® Floor sealing sleeve

The flexible floor sealing sleeve



Floor sealing sleeve fully fabric reinforced on both sides with special elastomer sealing layer

For indoor and outdoor application



Characteristics

- › Secure connection with OTTOFLEX® protective coating/slurry seal coating/sealing strip/sealing and decoupling strip
- › Very flexible and tear resistant
- › Can be individually cut to size
- › Resistant to aging

Fields of application

- › Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone
- › Elastic sealing sleeve used in floor areas for permanent waterproof sealing around pipe ducts under tiles, boards and ceramic coverings
- › Sealing at pipe ducts in the floor area

Standards and tests

- › According to the moisture resistance classes A0 and B0 according to ZDB as well as A, B and C according to abP
- › Complies with the stress categories W1, W2, W3, W4, W5 and W6 in accordance with ÖNORM B 3407
- › French VOC-emission class A+
- › EMICODE® EC 1 PLUS – very low emission



Dimensions	Order unit (OU)	Packaging unit (PU)	Order code
42,5 x 42,5 cm	1 piece	2 pieces	OFBM

OFWM

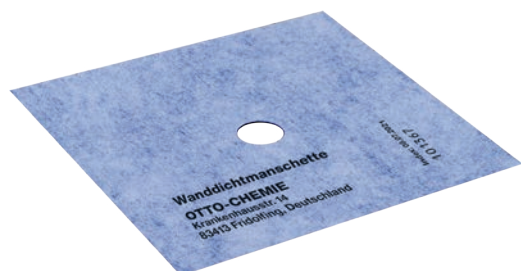
OTTOFLEX® Wall sealing sleeve

The flexible wall sealing sleeve



Wall sealing sleeve fully fabric reinforced on both sides with special elastomer sealing layer

For indoor and outdoor application



Characteristics

- › Safe connection with OTTOFLEX® Protective coating/Slurry seal coating/Sealing strip
- › Very flexible and tear resistant
- › Can be individually cut to size
- › Resistant to aging

Fields of application

- › Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone
- › Elastic sealing sleeve used on walls for permanent waterproof sealing around pipe ducts under tiles, boards and ceramic coverings

Standards and tests

- › According to the moisture resistance classes A0 and B0 according to ZDB as well as A, B and C according to abP
- › Complies with the stress categories W1, W2, W3, W4, W5 and W6 in accordance with ÖNORM B 3407
- › French VOC-emission class A+
- › EMICODE® EC 1 PLUS – very low emission



Dimension (length x width)	Order unit (OU)	Packaging unit (PU)	Order code
15 x 15 cm	1 piece	10 pieces	OFWM

OTTOFLEX® Sealing tape

The premium sealing tape for perfect application

Special elastomer tape fully fabric reinforced on both sides

For indoor and outdoor application



Characteristics

- › Extremely flexible, resistant to aging, highly tear resistant
- › Compatible with commercially available tile adhesives and solvent-free coatings
- › Compatible with OTTO sealants and adhesives
- › Secure connection with OTTOFLEX® protective coating/slurry seal coating/sealing strip/sealing and decoupling strip
- › Bend marking for perfect application
- › Marked with metre measuring scale
- › Dispenserbox

Fields of application

- › Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone
- › Sealing at the edges or component joint areas
- › Sealing of wall corners to bridge cracks and joints

Standards and tests

- › Tested in accordance with the test principles to issue a general appraisal certificate (abP) P-AB 075-03 for liquid processable sealings in association with tile and paving tiles, paragraph 3.5.6 (edition september 2004) – to apply water pressure of 3 bar over a period of 7 days
- › Complies with the water action categories W0-I, W1-I, W2-I and W3-I for tear class R1-I in accordance with DIN 18534
- › Complies with the water action category W1-B for the tear classes R0-B and R1-B for the container sites S1-B and S2-B in accordance with DIN 18535
- › According to the moisture resistance classes A0 and B0 according to ZDB as well as A, B and C according to abP
- › Complies with the stress categories W1, W2, W3, W4, W5 and W6 in accordance with ONORM B 3407
- › French VOC-emission class A+
- › EMICODE® EC 1 PLUS – very low emission



Designation	Sealing width	Order unit (OU)	Pieces per pallet	Order code
10-series tape	10 cm	1 roll, each 10 m	420	OFDB-10/10
10-series tape	10 cm	1 roll, each 50m	100	OFDB-10/50
12-series tape	12 cm	1 roll, each 10 m	420	OFDB-12/10
12-series tape	12 cm	1 roll, each 50m	100	OFDB-12/50

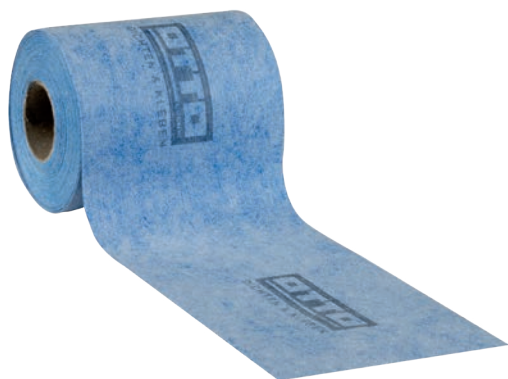
OFOD

OTTOFLEX® Project sealing tape

The sealing tape

Special elastomer tape fully fabric reinforced on both sides

For indoor and outdoor application



Characteristics

- › Very flexible, resistant to aging and tear
- › Compatible with commercially available tile adhesives and solvent-free coatings
- › Secure connection with OTTOFLEX® protective coating/slurry seal coating/sealing strip/sealing and decoupling strip
- › Compatible with OTTO sealants and adhesives

Fields of application

- › Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone
- › Sealing at the edges or component joint areas
- › Sealing of wall corners to bridge cracks and joints

Standards and tests

- › Complies with the water action categories W0-I, W1-I, W2-I and W3-I for tear class R1-I in accordance with DIN 18534
- › Complies with the water action category W1-B for the tear classes R0-B and R1-B for the container sites S1-B and S2-B in accordance with DIN 18535
- › According to the moisture resistance classes A0 and B0 according to ZDB as well as A, B and C according to abP
- › Complies with the stress categories W1, W2, W3, W4, W5 and W6 in accordance with ÖNORM B 3407
- › Tested according to DIN EN 1928 (version B) test of the waterimpermeability
- › French VOC-emission class A+
- › EMICODE® EC 1^{PLUS} – very low emission



Designation	Sealing width	Order unit (OU)	Packaging unit (PU)	Pieces per pallet	Order code
12-series tape	12 cm	1 roll, each 50m	6 rolls, each 50 m	90	OFOD-12/50

OFWRD

OTTOFLEX® Bath edge sealing tape

The bath edge sealing tape

Polypropylene fleece with butyl rubber

For indoor application



Characteristics

- › Flexible sealing tape
- › Integrated, self-adhesive butyl strips for easy application using release foil
- › Compatible with OTTO silicone sealants
- › Safe connection with OTTOFLEX® Protective coating/Slurry seal coating/Sealing strip
- › Secure sealing at the edge of the bath
- › Extremely elastic and tear resistant

Fields of application

- › Sealing tape for the flexible seal between the shower/bath tub and the wall
- › Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone

Standards and tests

- › Complies with the water action categories W0-I and W1-I in accordance with DIN 18534
- › Complies with the stress categories W1, W2, W3 and W4 in accordance with ÖNORM B 3407

Width	Order unit (OU)	Order code
10 cm	1 roll, each 4 m	OFWRD4
10 cm	1 Rolle à 25 m	OFWRD25



OTTO product tip

OTTOCOLL® M500

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OTTOFLEX® Sound insulation tape

The sound insulation tape

One-sided self-adhesive PE foam tape

For indoor application



Characteristics

- › Self-adhesive for easy application
- › Resistant to aging

Fields of application

- › For sound insulation between the edge of the shower/bath tub and the wall
- › Sound insulation in the sanitary sector

Width	Order unit (OU)	Order code
3 cm	1 roll, each 4 m	OFSCALL4
3 cm	1 roll, each 25 m	OFSCALL25

OTTOFLEX® Protective tape

The cut-resistant protective tape

One-sided self-adhesive tape with polyamide fabric

For indoor and outdoor application



Fields of application

- › Self-adhesive protective tape as a supplement for sealing tapes for use in the areas of silicone joints
- › All joint areas which need to be cut-proof. Wall joint, floor joint, bath and shower edge

Standards and tests

- › Cut resistance passed according to EN 388
- › UV-resistance according to DIN EN ISO 4892-2 at least 200 hours

Width	Order unit (OU)	Order code
5 cm	1 roll, each 10 m	OFSCUTZ10
5 cm	1 roll, each 25 m	OFSCUTZ25

Characteristics

- › Self-adhesive protective tape, tight-edged woven with double fabric with cut-resistant effect
- › Protection of the compound seal (e.g. OTTOFLEX® sealing tape) against inadvertent separation in a sanitation case
- › Textile made from polyamide and high molecular weight polyethylene with self-adhesive strip and peel-off foil
- › Thin overall thickness to ensure it doesn't come across as too thick underneath the tile
- › Flexible for easy processing
- › Resistant to aging

OTTOPUR PU foams

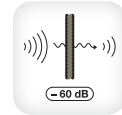


OTTOPUR OP910

The dosing foam with very good sound and heat insulation

1-component PU dosing foam

For indoor and outdoor application



Characteristics

- › Very good sound and heat insulation
- › 60 dB sound insulation according to EN ISO 717-1
- › 0.035 W/mK insulation value according to DIN 52612
- › Foam yield approx. 45l per 750ml can
- › Can be cut after approx. 30 minutes
- › Can be loaded after approx. 3-5 hours

Fields of application

- › Mounting and insulation of window and door frames made of wood, steel or plastic in masonry
- › Mounting and insulating of interior partition walls, window sills, etc.
- › Filling of cavities of all types
- › Joining of well and shaft rings in sewer manholes and domestic sewage treatment plants
- › For the bonding of polystyrene rigid foam panels as perimeter insulation according to DIN 4108-2

Standards and tests

- › General building inspection certificate: normal inflammable building material (class E according to DIN EN 13501-1)
- › EMICODE® EC 1 PLUS – very low emission
- › French VOC-emission class A+



	750 ml aerosol can
beige	OP910-85
Pieces per packaging unit	12
Pieces per pallet	504



OTTO Accessories

- OTTO Dosing gun PRO p. 137
- OTTO Dosing gun BASIC p. 137



OTTO product tip

- OTTOPUR Cleaner p. 124
- OTTO Cleaning wipes p. 153

OTTOPUR OP915

The dosing foam with very good sound and heat insulation



1-component PU dosing foam

For indoor and outdoor application



Characteristics

- › Very good sound and heat insulation
- › 60 dB sound insulation according to EN ISO 717-1
- › 0.038 W/mK insulation value according to DIN 52612
- › Foam yield approx. 36l per 500ml can
- › Can be cut after approx. 35 minutes
- › Can be fully loaded after approx. 24 hours

Fields of application

- › Mounting and insulation of window and door frames made of wood, steel or plastic in masonry
- › Mounting and insulating of interior partition walls, window sills, etc.
- › Filling of cavities of all types
- › Especially suitable for narrow sealings, e.g. restoration of old buildings
- › Joining of well and shaft rings in sewer manholes and domestic sewage treatment plants
- › For the bonding of polystyrene rigid foam panels as perimeter insulation according to DIN 4108-2

Standards and tests

- › General building inspection certificate – normal inflammable building material (B2) according to DIN 4102-1
- › EMICODE® EC 1 PLUS – very low emission
- › French VOC-emission class A+



	500 ml aerosol can
beige	OP915-83
Pieces per packaging unit	12
Pieces per pallet	576



OTTO Accessories

OTTO Dosing gun PRO
OTTO Dosing gun BASIC

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p. 137



OTTO product tip

OTTOPUR Cleaner
OTTO Cleaning wipes

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OTTOPUR OP 920

The 2-component foam with very fast curing

2-component PU adapter foam

For indoor and outdoor application



Characteristics

- Can be cut after approx. 9 minutes
- Braces can be removed after approx. 30 minutes
- Can be fully loaded after approx. 3 hours
- Foam capacity: up to 12 litres per 400ml can
- 60 dB sound insulation according to EN ISO 717-1
- 0.026 W/mK insulation value according to DIN 52612

Fields of application

- Mounting and insulating of door and window frames made of wood, steel and plastic in masonry
- Suitable for the mounting of wooden stairs
- Suitable for mounting basins made of acrylic and steel (shower trays)
- Joining of well and shaft rings in sewer manholes and domestic sewage treatment plants
- For the bonding of polystyrene rigid foam panels as perimeter insulation according to DIN 4108-2

Standards and tests

- General building inspection certificate – normal inflammable building material (B2) according to DIN 4102-1
- French VOC-emission class A+
- EMICODE® EC 1 PLUS – very low emission



	400 ml aerosol can
light green	OP920-82
Pieces per packaging unit	12
Pieces per pallet	576



OTTOPUR OP 930

The adapter foam with very good sound and heat insulation

1-component PU adapter foam

For indoor and outdoor application



Characteristics

- Very good sound and heat insulation
- 58 dB sound insulation according to EN ISO 717-1
- 0.035 W/mK insulation value according to DIN 52612
- Foam yield approx. 22/32l per 500/750 ml can
- Can be cut after approx. 30 minutes
- Can be loaded after approx. 3-5 hours

Fields of application

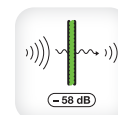
- Mounting and insulation of window and door frames made of wood, steel or plastic in masonry
- Mounting and insulating of interior partition walls, window sills, etc.
- Filling of cavities of all types
- Joining of well and shaft rings in sewer manholes and domestic sewage treatment plants
- For the bonding of polystyrene rigid foam panels as perimeter insulation according to DIN 4108-2

Standards and tests

- General building inspection certificate: normal inflammable building material (class E according to DIN EN 13501-1)
- EMICODE® EC 1 PLUS – very low emission
- French VOC-emission class A+



	500 ml aerosol can	750 ml aerosol can
beige	OP930-83	OP930-85
Pieces per packaging unit	12	12
Pieces per pallet	672	504



OTTOPUR OP 950

The flexible foam

1-component PU dosing foam

For indoor and outdoor application



Characteristics

- › Permanent absorption of component movements
- › Can be processed at temperatures down to -10 °C
- › 63 dB sound insulation according to EN ISO 717-1
- › 0.035 W/mK insulation value according to DIN 52612
- › Foam yield approx. 44l per 750 ml can
- › Can be cut after approx. 35 minutes
- › Can be loaded after approx. 12 hours

Fields of application

- › Mounting and insulation of window and door frames made of wood, steel or plastic in masonry
- › Filling and insulation of joints and cavities for roof extensions and roof insulations
- › Foaming of small wall recesses, all types of cable passages and other cavities

Standards and tests

- › General building inspection certificate – normal inflammable building material (B2) according to DIN 4102-1
- › EMICODE® EC 1 PLUS – very low emission
- › French VOC-emission class A+



	750 ml aerosol can
fair blue	OP950-85
Pieces per packaging unit	12
Pieces per pallet	504



OTTO Accessories

OTTO Dosing gun PRO
OTTO Dosing gun BASIC

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OTTO product tip

OTTOPUR Cleaner
OTTO Cleaning wipes

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OTTOPUR OP 960

The B1 dosing foam

1-component PU dosing foam

For indoor and outdoor application



Characteristics

- B1 – flame-resistance in accordance with DIN 4102 Part 1
- Supports the smoke-tight installation of safety doors
- 60 dB sound insulation according to EN ISO 717-1
- 0.036 W/mK insulation value according to DIN 52612
- Foam yield approx. 45l per 750ml can
- Can be cut after approx. 50 minutes
- Can be loaded after approx. 12 hours

Fields of application

- Window installation (for clean and controlled backfilling and insulating sealing of joints for windows and shutter casings)
- Filling of joints for door frames but not for mere assembly purposes without additional, mechanical fastening
- Foaming of small wall recesses, all types of cable passages and other cavities

Standards and tests

- General building supervisory test certificate in accordance with DIN 4102-1 B1
- EMICODE® EC 1 PLUS – very low emission
- French VOC-emission class A+



750 ml aerosol can

pink	OP960-85
Pieces per packaging unit	12
Pieces per pallet	504



OTTO Accessories

OTTO Dosing gun PRO
OTTO Dosing gun BASIC

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OTTO product tip

OTTOPUR Cleaner
OTTO Cleaning wipes

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Smoothing agents



OTTO Smoothing Agent

The smoothing agent



Aqueous solution of surface-active substances

For indoor and outdoor application



Characteristics


- ▶ Aqueous solution of surface-active substances
- ▶ Dermatologically tested ingredients
- ▶ Does not dry out the skin
- ▶ Can be diluted with water in a ratio of 2 parts smoothing agent, 1 part water
- ▶ Keeps the shine of the sealant surface intact
- ▶ Colouring pigments of the sealant are not washed off
- ▶ Not suitable for marble and other natural stones


Fields of application

- ▶ Smoothing of sealant surfaces including silicone, polyurethane and MS hybrid polymer sealants

Standards and tests

- ▶ Due to the results of the in-vivo compatibility test (test report of Institute Fresenius, 65232 Taunusstein, Germany) the OTTO Smoothing Agent is classified as harmless in terms of a potential skin irritating effect

	250 ml plastic bottle	1,000 ml plastic bottle	5 l plastic canister
 colourless	GL-52	GL-57	GL-59
Pieces per packaging unit	1	1	1
Pieces per pallet	–	–	90

	10 l plastic canister	60 l plastic drum	200 l plastic drum with tap hole *
 colourless	GL-61	GL-65	on request
Pieces per packaging unit	1	1	1
Pieces per pallet	30	6	2

* OTTO Drain cock 2" with venting (AERO-FLOW) sold separately



Additional useful information

The OTTO Smoothing Agent may be diluted with water.

Smoothing agent must not remain on the sealant joint and on adjacent surfaces, because dried residual sealant might cause optical impairments (dull/light spots).

As a matter of principle it is advisable to use the smoothing agent as sparingly as possible, for example by only slightly moistening the smoothing tools or applying the smoothing agent to the surface of the sealant with a clean paintbrush.

Residual smoothing agent must be removed using clear water before it dries.

Before use, preliminary tests should be carried out to ensure the compatibility with adjacent surfaces, for example different types of coated wood.

The dermatologically tested ingredients of the OTTO Smoothing Agent have been rated as "non irritating to the skin" by the Fresenius Institute, Taunusstein, Germany and do not, unlike washing-up liquids, dry out the skin. Nevertheless, hands should be washed and creamed after use.



OTTO Accessories

OTTO drain cock 2"

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OTTO Natural stone smoothing agent

The natural stone silicone smoothing agent



Aqueous solution of surface-active substances

For indoor and outdoor application



Characteristics


- Aqueous solution of surface-active substances
- Especially attuned to delicate marble and natural stone varieties
- Reduces the risk of staining from smoothing agents to a minimum
- Dermatologically tested ingredients
- Does not dry out the skin
- Keeps the shine of the sealant surface intact
- Colouring pigments of the sealant are not washed off
- Use in undiluted condition only


Fields of application

- Smoothing of sealants in contact with natural stone

Standards and tests

- Due to the results of the in-vivo compatibility test (test report of Institute Fresenius, 65232 Taunusstein, Germany) the OTTO Smoothing Agent is classified as harmless in terms of a potential skin irritating effect

	250 ml plastic bottle	1,000 ml plastic bottle	5 l plastic canister
 colourless	GLN-52	GLN-57	GLN-59
Pieces per packaging unit	1	1	1
Pieces per pallet	–	–	90

	10 l plastic canister	60 l plastic drum	200 l plastic drum with tap hole *
 colourless	GLN-61	on request	on request
Pieces per packaging unit	1	1	1
Pieces per pallet	30	6	2

* OTTO Drain cock 2" with venting (AERO-FLOW) sold separately



Additional useful information

The OTTO Natural stone smoothing agent must always be used undiluted. The smoothing agent used should always be new and without impurities.

Smoothing agent must not remain on the sealant joint and on adjacent surfaces, because dried residual sealant might cause optical impairments (dull/light spots).

As a matter of principle it is advisable to use the smoothing agent as sparingly as possible, for example by only slightly moistening the smoothing tools or applying the smoothing agent to the surface of the sealant with a clean paintbrush.

Residual smoothing agent must be removed using clear water before it dries. Otherwise stains and discolouring can not be excluded completely due to the special consistency of natural stones.

When tooling off the matt finish with OTTO Natural stone smoothing agent – please be aware: The joint should be tooled off once, with a smoothing tool immersed in OTTO Natural stone smoothing agent. Do not make too many repeat passes with the smoothing tool to avoid polishing the matt surface!

Nevertheless, owing to the unique character of natural stone, stains/discolourations cannot be ruled out completely. Because of this and the many possible influences during processing and application, we advise carrying out preliminary, object-related tests.

The dermatologically tested ingredients of the OTTO Smoothing Agent have been rated as "non irritating to the skin" by the Fresenius Institute, Taunusstein, Germany and do not, unlike washing-up liquids, dry out the skin. Nevertheless, hands should be washed and creamed after use.



OTTO Accessories

OTTO drain cock 2"

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OTTO Smoothing agent spray

The smoothing agent spray

Aqueous solution of surface-active substances




Characteristics

- ▶ Optimally tailored to hybrid sealants
- ▶ Immediately ready for use
- ▶ Refillable
- ▶ Kind to the skin
- ▶ Does not dry out the skin
- ▶ Dermatologically tested ingredients
- ▶ Colouring pigments of the sealant are not washed off
- ▶ Not suitable for marble and other natural stones

Fields of application

- ▶ Smoothing of OTTO sealants (hybrid, PU, silicone sealants)
- ▶ Optimally tailored to hybrid sealants

500 ml plastic
spray bottle

 colourless	GLS-84
Pieces per packaging unit	12
Pieces per pallet	468
Other packagings on request.	

OTTO Concentrated smoothing agent

The smoothing agent concentrate

Aqueous solution of surface-active substances



Characteristics

- ▶ Aqueous solution of surface-active substances
- ▶ Suspension – homogenise before use
- ▶ Gentle on the skin due to dermatologically tested active ingredients
- ▶ Does not dry out the skin
- ▶ Concentrated, can be diluted with water individually depending on the sealant and use
- ▶ Keeps the shine of the sealant surface intact
- ▶ Colouring pigments of the sealant are not washed off
- ▶ Not suitable for marble and other natural stones

Fields of application

- ▶ Smoothing of sealant surfaces including silicone, polyurethane and MS hybrid polymer sealants

1,000 ml plastic
bottle

5 l plastic canister

 colourless	GLK-57	GLK-59
Pieces per packaging unit	1	1
Pieces per pallet	–	90
Other packagings on request.		

Accessory products



OTTO SilOut

The silicone remover

Thixotropic paste

For indoor and outdoor application



Characteristics

- For removing of cured silicone sealants and adhesives
- Removes silicone from wood, masonry, plastering, concrete, glass, porcelain, metal and plastics
- Compatible with a very wide variety of substrates in structural engineering and window construction as well as for sanitary areas
- Application leads to silicone-free surfaces

Fields of application

- Removing silicone residues from joints and soiled surfaces

300 ml cartridge

white

SIEN-03-C01

Pieces per packaging unit

20

Pieces per pallet

1200



Additional useful information

Apply OTTO SilOut liberally to the surface to be treated. The layer should be approx. 2 or 3 times the thickness of the silicone sealant to be removed (at least 5 mm). The application time is around 5 hours for a silicone layer of 0.5 mm and around 24 hours for a silicone layer of 2 – 3 mm. The reaction speed depends mainly on the layer thickness of the silicone mass to be removed as well as on the type of the cross-linking system and the composition and the properties of the silicone sealant.

The solvated silicone compound and the residues of OTTO SilOut must be removed completely using a tool suitable for the substrate (e.g. spatula) and then a cloth moistened with water before re-joining. If necessary, the treatment has to be repeated using OTTO SilOut. Before re-joining, all OTTO SilOut left-overs in the joint and in the joint base must be carefully removed. Left-overs of OTTO SilOut can be particularly damaging to newly applied joint sealant on narrow or deep joints or rough bases (e.g. masonry, plaster, edge insulation strips, etc.).

Allow the joint edges and base enough time to dry out properly before re-joining. OTTO Cleaner T is suitable for cleaning the joints and the surfaces to be joined before re-joining.

OTTO StainEx

The natural stone degreasing paste



Special solvent-based paste

For indoor and outdoor application



Characteristics

- › Ready-to-use paste
- › Easy processing
- › Successful usage may avoid expensive refurbishment of natural stone

Fields of application

- › To remove grease from marble and natural stone where unsuitable sealants have caused migratory staining around the edges of the joints

310 ml cartridge

beige

STEX-20-C1378

Pieces per packaging unit

12

Pieces per pallet

1248



Additional useful information

OTTO StainEx eliminates migratory staining caused by unsuitable sealants and removes staining up to a depth of 2 cm. Please carry out a preliminary test to make sure that the grease stains can be removed with OTTO StainEx. Remove the sealant completely out of the joint. The edge joints should be dry when applying the paste. Don't use OTTO StainEx at base temperatures below +5 °C and above 20 °C. Put OTTO StainEx on the surface and spread

it with a brush. Then apply OTTO StainEx again in order to achieve a layer thickness of at least 5 mm. After drying of the paste (at least 12 hours, paste has to be pulverised completely) sweep off the remaining solid parts with a broom or vacuum clean them. After cleaning no more dark stains should be visible. Remove remaining deeper stains by applying the paste a second or third time. Clean the joints afterwards and seal them with the natural stone silicone OTTOSEAL®.

OTTO Siloxan 290L

The silicone for surface impregnation

Oligomer siloxane in solvent

For outdoor application




Characteristics

- Ready-to-use silicone surface impregnation
- High penetration depth
- UV-resistant
- Can also be applied on moist substrates (not rain-wet)
- Forms a water- and dirt-repelling surface
- The hydrophobe effect prevents the penetration of moisture from the outside to the inside but it lets the internal moisture escape to the outside
- Bridges hair cracks up to a width of 0,3 mm
- Reduces the tendency of treated surfaces to pick up dirt
- Avoids humidity in the construction material thus avoids salt efflorescence as well as moss and algae growth
- Paintable with commercial dispersion paints
- Low odour
- Colourless
- Slight deepening of colour is possible

Fields of application

- Hydrophobic treatment of façades and building components made of concrete, cellular concrete, fibre cement, brick-work, natural and artificial stone, mineralic plasters and coatings
- Drainage of moist and cracked surfaces, which are then painted using dispersion paints
- Only for vertical surfaces

	5 l tin canister	10 l tin canister	25 l tin canister
 colourless	SXN-58	SXN-60	SXN-62
Pieces per packaging unit	1	1	1
Pieces per pallet	82	50	24



Additional useful information

Hydrophobizing of façades results in greatly reduced water absorption, good UV-resistance and very good waterrepellent effect.

The ready-to-use solution can be applied directly by spraying or painting it on. The substrate should be fairly dry for this treatment.

Adjacent structural elements such as windows, doors, gutters etc. must be covered. Apply in two layers from top to bottom wet-on-wet. The hydrophobed façade is resistant to rain after approximately 24 hours.

The differences in water absorbency are significant:

	Water absorbency untreated	Water absorbency hydrophobed with OTTO Siloxan 290L
Concrete	3 %	0,8 %
Sandstone	5 %	0,2 %
Lime sandstone	13 %	0,8 %
Limestone	12 %	1,1 %
Clinker brick	3 %	0,1 %
Brick	18 %	0,1 %
Tufa	18 %	1,1 %
Mortar	7 %	1,2 %

Approx. average values depending on material quality

Primers/Cleaners



REC

OTTO Cleaner C

The coating cleaner

Hydrocarbon-based cleaner



Characteristics

- › Cleaning of substrate before adhesion
- › Very good cleaning and degreasing effect
- › Dries quickly leaving no residue
- › Ventilation time not required
- › Compatible with conventional powder coatings

Fields of application

- › Removing of dust, grease or oil films, residues of protection film, fresh PUR-foam and fresh sealant residues
- › Removing of fresh PU- and Epoxi-residues on surfaces and working equipment
- › Cleaning of aluminium profiles (plain, anodised aluminium or powder-coated)
- › For the cleaning of many surfaces in plastic and metal processing areas

1,000 ml
aluminium bottle



colourless

REC-55

Pieces per packaging unit

5

Pieces per pallet

–

REF

OTTO Cleaner F

The surface cleaner

Alcohol-based cleaner



Characteristics

- › Cleaning metallic materials (plain or powder-coated) of non-cured OTTOCOLL® PU adhesive residues
- › Very good cleaning and degreasing effect
- › Dries quickly leaving no residue
- › Ventilation time not required
- › Pleasant odour
- › Compatible with conventional powder coatings

Fields of application

- › Removing grease or oil films on metallic substrates

100 ml aluminium
bottle 1,000 ml
aluminium bottle 5 l tin canister



colourless

REF-50

REF-55

REF-58

Pieces per packaging unit

15

5

1

Pieces per pallet

–

–

82

10 l tin canister 25 l tin drum with
tap hole* 200 l tin drum
with tap holes*



colourless

REF-60

on request

on request

Pieces per packaging unit

1

1

1

Pieces per pallet

50

–

–

* OTTO Drain cock 2" with venting (AERO-FLOW) sold separately



OTTO Accessories

OTTO drain cock 2"

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REMP


OTTO Cleaner MP

The equipment cleaner

Special glycol ether-based cleaner

Characteristics

- Removing of non-cured OTTOCOLL® PU adhesive residues on equipment, dosing equipment, hoses, valves etc.
- Very good cleaning and degreasing effect
- Dries quickly leaving no residue
- Ventilation time not required

	1,000 ml aluminium bottle	5 l tin canister	10 l tin canister
 colourless	REMP-55	on request	REMP-60
Pieces per packaging unit	5	1	1
Pieces per pallet	–	82	50

RET


OTTO Cleaner T


The universal cleaner

Alcohol-based cleaner

Characteristics

- Cleaning glass, metals and some plastics such as PVC and polyester
- Very good cleaning and degreasing effect
- Dries quickly leaving no residue
- Ventilation time not required

	100 ml aluminium bottle	250 ml aluminium bottle	1,000 ml aluminium bottle
 colourless	RET-50	RET-51	RET-55
Pieces per packaging unit	15	15	5
Pieces per pallet	–	–	–

	5 l tin canister	10 l tin canister	25 l tin drum with tap hole*
 colourless	RET-58	RET-60	on request
Pieces per packaging unit	1	1	1
Pieces per pallet	82	50	–

* OTTO Drain cock 2" with venting (AERO-FLOW) sold separately



OTTO Accessories

OTTO drain cock 2"

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PR 1101

OTTO Cleanprimer 1101


The adhesion improver

Solvent-containing cleaners with bonding agents



Characteristics

- › Ventilation time not required
- › Cleanprimer to clean and improve the adhesion on coated and non-coated metallic substrates and various plastics (e.g. PVC)
- › Free of toluol

	100 ml aluminium bottle	250 ml aluminium bottle	1,000 ml aluminium bottle	5 l tin canister
 colourless	PR1101-50	PR1101-51	PR1101-55	PR1101-58
Pieces per packaging unit	15	15	5	1
Pieces per pallet	–	–	–	82

PR 1102

OTTO Primer 1102

The sandstone primer

Solvent-containing bonding agent combination



Characteristics

- › Primer to improve adhesion of OTTOSEAL® S 70, S 80, S 117 and S 140 on sandstone
- › Airing time at least 15 minutes (max. 3 hours)

	100 ml aluminium bottle	1,000 ml aluminium bottle
 colourless	PR1102-50	PR1102-55
Pieces per packaging unit	15	5
Pieces per pallet	–	–

PR 1105

OTTO Primer 1105

The viscous mineral primer

Solvent-containing bonding agent combination




Characteristics

- › Primer to improve adhesion on mineral and absorbent substrates (e.g. concrete, plaster, fibre cement etc.)
- › Airing time at least 30 minutes (max. 3 hours)
- › Highly film forming

Fields of application

- › Barrier to alkaline surfaces
- › Improves the adhesion of OTTO acrylic sealants on mineral materials (e.g. concrete, plaster, cellular concrete, fibre cement, gypsum), as well as on untreated wood and scumbles, on metallic substrates (e.g. anodic oxidation) and some plastics (e.g. PVC)
- › Improves the adhesion properties of the 2-component PU foam OTTOPUR OP 920 on heavily absorbent and silted up substrates

	100 ml aluminium bottle	250 ml aluminium bottle	1,000 ml aluminium bottle
 colourless	PR1105-50	PR1105-51	PR1105-55
Pieces per packaging unit	15	15	5
Pieces per pallet	–	–	–


PR1215

OTTO Primer 1215

Very low viscosity mineral primer

Solvent-containing bonding agent combination**Characteristics**

- ▶ Primer to improve adhesion on mineral and absorbent substrates (e.g. concrete, plaster, fibre cement etc.)
- ▶ Airing time at least 15 minutes (max. 3 hours)

	100 ml aluminium bottle	250 ml aluminium bottle	1,000 ml aluminium bottle
 colourless	PR1215-50	PR1215-51	PR1215-55
Pieces per packaging unit	15	15	5
Pieces per pallet	–	–	–


PR1216

OTTO Primer 1216

The primer for natural stone and metal

Solvent-containing bonding agent combination**Characteristics**

- ▶ Primer to improve the adhesion on natural stone, metallic materials and some plastics
- ▶ Ventilation time not required on smooth, non absorbent substrates
- ▶ Free of toluol

	100 ml aluminium bottle	250 ml aluminium bottle	1,000 ml aluminium bottle
 colourless	PR1216-50	PR1216-51	PR1216-55
Pieces per packaging unit	15	15	5
Pieces per pallet	–	–	–

Fields of application

- ▶ Improves the adhesion of OTTO sealants on metallic materials (e.g. stainless steel, anodized aluminium, copper, galvanised steel and chrome) and coated metals (e.g. enamel, non-corrosive steel)
- ▶ Improves the adhesion of natural stone silicone S 70, S 80, S 117 and S 140 on marble and other natural stones, as well as on artificial stone and concrete block
- ▶ Improves the adhesion on some plastics (e.g. PVC) and on scumbles containing solvents

PR 1217

OTTO Primer 1217


The plastic primer that airs quickly

Solvent-containing bonding agent combination



Characteristics

- ▶ Primer to improve the adhesion on many plastics
- ▶ No airing time for smooth and non-absorbent substrates; otherwise at least 15 minutes/max. 3 hours

	100 ml aluminium bottle	250 ml aluminium bottle	1,000 ml aluminium bottle
 colourless	PR1217-50	PR1217-51	PR1217-55
Pieces per packaging unit	15	15	5
Pieces per pallet	–	–	–

PR 1218

OTTO Primer 1218

The primer for continuously wet conditions

Solvent-containing bonding agent combination




Characteristics

- ▶ Primer to improve the adhesion on absorbent mineral substrates under continuously wet conditions
- ▶ Airing time at least 60 minutes

Fields of application

- ▶ For the swimming pool silicone OTTOSEAL® S 18 on mineral materials (e.g. concrete, mortar, grout) and ceramic
- ▶ For the food and drinking water silicone OTTOSEAL® S 27 on unglazed ceramic surfaces
- ▶ For the premium natural stone silicone OTTOSEAL® S 70 and S 140
- ▶ Improves the adhesion of OTTOSEAL® M 350 on concrete and plaster

	100 ml aluminium bottle	250 ml aluminium bottle	1,000 ml aluminium bottle
 colourless	PR1218-50	PR1218-51	PR1218-55
Pieces per packaging unit	15	15	5
Pieces per pallet	–	–	–

PR 1225

OTTO Primer 1225

The highly viscous universal primer

Solvent-containing bonding agent combination



Characteristics

- ▶ Primer to improve the adhesion on mineral, absorbent and some metallic substrates as well as some kinds of plastics
- ▶ Airing time at least 30 minutes (max. 3 hours)
- ▶ Film-forming
- ▶ Free of toluol

	100 ml aluminium bottle	1,000 ml aluminium bottle
 colourless	PR1225-50	PR1225-55
Pieces per packaging unit	15	5
Pieces per pallet	–	–



PR 1226

OTTO Cleanprimer 1226

The special cleanprimer

Solvent-containing cleaner with bonding agents



Characteristics

- › Cleans and improves the adhesion on non-absorbant substrates (metals, plastics, glass, etc.)
- › Ventilation time not required
- › Free of toluol

Fields of application

- › Improves the adhesion properties of the special silicone OTTOSEAL® S 54 on melted asphalt screed
- › Improves the adhesion of OTTOCOLL® S 81 on PVC

	100 ml aluminium bottle	1,000 ml aluminium bottle
 colourless	PR1226-50	PR1226-55
Pieces per packaging unit	15	5
Pieces per pallet	–	–

PR 1227

OTTO Primer 1227

The primer for plastic

Solvent-containing bonding agent combination



Characteristics

- › Primer to improve the adhesion on many plastics
- › Airing time at least 30 minutes (max. 3 hours)
- › Free of toluol

	100 ml aluminium bottle	1,000 ml aluminium bottle
 colourless	PR1227-50	PR1227-55
Pieces per packaging unit	15	5
Pieces per pallet	–	–

PR 1230

OTTO Primer 1230

The primer for improving of the paintability of silicone sealants with paints and varnishes



Characteristics

- › Primer to improve the paintability of silicone sealants with paints and varnishes
- › Ventilation time not required

	100 ml aluminium bottle	250 ml aluminium bottle
 colourless	PR1230-50	PR1230-51
Pieces per packaging unit	15	15
Pieces per pallet	–	–

SPRÜHPR

OTTO Spray primer

The contact adhesive for installing the window tape



Contact adhesive for the pre-treatment of wall reveal

For indoor and outdoor application



Characteristics

- › Spray primer or contact adhesive with high adhesive strength
- › Fast-drying
- › Universally usable

Fields of application

- › Pre-treatment of the wall reveal for the OTTO window tapes
- › Bonding of EPDM rails

Container	Order unit (OU)	Packaging unit (PU)	Order code
500 ml aerosol can	1 piece	12 pieces	SPRÜHPR83



OTTO product tip

OTTO Window tape Vario

p. 155

OTTO Window tape Vario Duo

p. 155

OPCLEAN

SPECIAL

OTTOPUR Cleaner

The gun cleaner



Solvent-based cleaning spray

For indoor and outdoor application



Characteristics

- › Very strong cleaning effect
- › Fitting screw-on adapter for all commonly used dosing guns
- › Can be used as a spray can

Fields of application

- › Cleaning of used dosing guns
- › To remove unhardened PU-foam residues

500 ml aerosol can

colourless

OPCLEAN-83

Pieces per packaging unit

12

Pieces per pallet

672

Guns



SKELETT

OTTO Skeleton gun

The skeleton gun for cartridges



Characteristics

- › Stable skeleton gun for 280/290/300/310 ml cartridges
- › With hardened driving rod and ladder hook
- › For medium to low-viscose acrylates, hybrids, polyurethanes and silicones
- › Permanent overrun and end stop
- › With tip cleaner in the handle
- › Transmission ratio 7:1
- › No spare part service

Order unit (OU)

Order code

1 piece

SKELETT

H17

OTTO Hand-operated gun H17

The hand-operated gun for cartridges



Characteristics

- › Economical hand-operated gun with rotating shell for 280/290/300/310 ml cartridges
- › Thrust and drive parts with special alloy, corrosion-resistant
- › Rubber handle and trigger
- › Increased compressive strength of the thrust mechanism with smooth driving rod and ladder hook
- › For medium to high-viscose acrylates, hybrids, polyurethanes and silicones
- › Transmission ratio 17:1
- › No spare part service

Order unit (OU)

Order code

1 piece

H17

OTTO Hand-operated gun H27

The variable transmission hand-operated gun for cartridges



Characteristics

- ▶ Variable hand-operated gun with variable transmission ratio from 12:1 to 25:1
- ▶ Rotating shell for 280/290/300/310 ml cartridges
- ▶ Thrust and drive parts with special alloy, corrosion-resistant
- ▶ Extremely durable thrust block
- ▶ Rubber handle and trigger
- ▶ Increased compressive strength of the thrust mechanism with smooth driving rod and ladder hook
- ▶ For low, medium and high viscosity acrylics, hybrids, polyurethanes and silicones
- ▶ Overrun stop can be switched on and off
- ▶ No spare part service

Order unit (OU)

1 piece

Order code

H27

OTTO Hand-operated gun H37

The premium hand-operated gun for cartridges



Characteristics

- ▶ Heavy-duty hand-operated gun made from highly impact-resistant plastic
- ▶ Low weight
- ▶ With closer for sliding sleeve and smooth driving rod for 290/300/310 ml cartridges
- ▶ For medium to high-viscous acrylates, hybrids, polyurethanes and silicones
- ▶ Transmission ratio approx. 18:1

Order unit (OU)

1 piece

Order code

H37

H40+★★★★★
PREMIUM

OTTO Hand-operated gun H40+

The heavy-duty premium hand-operated gun for cartridges



Characteristics

- ▶ Hand-operated gun for rigorous continuous use
- ▶ Half-shell, professional quality device
- ▶ For 280/290/300/310 ml cartridges
- ▶ With hardened, smooth driving rod
- ▶ For medium to high-viscose acrylates, hybrids, polyurethanes and silicones
- ▶ Transmission ratio 18:1

Order unit (OU)

Order code

1 piece

H40+

H245**SPECIAL**

OTTO Hand-operated gun H245

The hand-operated gun with high pressing force



Characteristics

- ▶ Hand-operated gun with a press capacity of 5 kN for 280/290/300/310 ml cartridges
- ▶ Ideal for co-axial cartridge system
- ▶ U-shaped top loader made from fibreglass-reinforced nylon
- ▶ Single-handed lock release
- ▶ For high-viscose hybrids, polyurethanes and silicones
- ▶ Transmission ratio 26:1
- ▶ No spare part service

Order unit (OU)

Order code

1 piece

H245

H 400

OTTO Hand-operated gun H 400

The hand-operated gun for 400 ml aluminium foil bags and cartridges



Characteristics

- › Hand-operated gun with rotatable aluminium cylinder
- › For aluminium foil bags up to 400ml and for 280/290/300/310 ml cartridges
- › Professional quality
- › For medium to high-viscose acrylates, hybrids, polyurethanes and silicones
- › Increased compressive strength of the thrust mechanism with smooth driving rod and ladder hook
- › Transmission ratio 17:1
- › Strong thrust block
- › Rubber handle and trigger
- › Union nuts made of aluminium
- › Professional thrust plate for complete emptying of the bag
- › No spare part service

Order unit (OU)

Order code

1 piece

H400

H 600

OTTO Hand-operated gun H 600

The hand-operated gun for 600 ml aluminium foil bags and cartridges



Characteristics

- › Hand-operated gun with rotatable aluminium cylinder
- › For aluminium foil bags up to 600ml and for 280/290/300/310 ml cartridges
- › Professional quality
- › For medium to high-viscose acrylates, hybrids, polyurethanes and silicones
- › Increased compressive strength of the thrust mechanism with smooth driving rod and ladder hook
- › Transmission ratio 17:1
- › Strong thrust block
- › Rubber handle and trigger
- › Union nuts made of aluminium
- › Professional thrust plate for complete emptying of the bag
- › No spare part service

Order unit (OU)

Order code

1 piece

H600

H 600 HP+★★★★★
PREMIUM

OTTO Hand-operated gun H 600 HP+

The hand-operated gun for 600 ml aluminium foil bags and cartridges



Characteristics

- ▶ Hand-operated gun with aluminium cylinder
- ▶ For aluminium foil bags up to 600ml and for 280/290/300/310 ml cartridges
- ▶ Durable, professional quality
- ▶ For medium to high-viscose acrylates, hybrids, polyurethanes and silicones
- ▶ Transmission ratio 18:1
- ▶ Quick-change piston for easy change from foil bag to cartridge
- ▶ With drip-stop function

Order unit (OU)

Order code

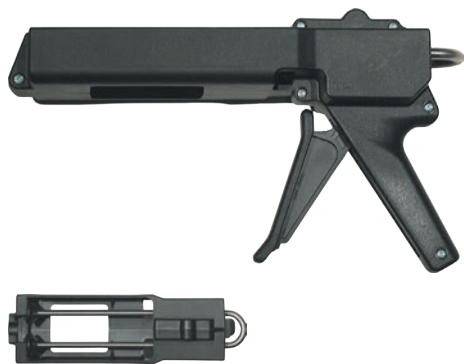
1 piece

H600HP+

H 248

OTTO Hand-operated gun 2K H 248

The hand-operated gun for 2-component PU foams



Characteristics

- ▶ Hand-operated gun for the processing of 2-component PU door frame foam OTTOPUR Turbo 2x105 ml
- ▶ U-shaped top loader made from fibreglass-reinforced nylon
- ▶ Single-handed lock release
- ▶ Balanced handle
- ▶ Transmission ratio 26:1
- ▶ No spare part service

Order unit (OU)

Order code

1 piece

H248

OTTO Hand-operated gun 2K H 293

The hand-operated gun for double cartridges for up to 2 x 310 ml



Characteristics

- ▶ Hand-operated gun for the processing of double cartridges 2 x 190 ml or 2 x 310 ml in the mixing ratio of 1:1
- ▶ U-shaped top loader made from fibreglass-reinforced nylon
- ▶ Drip protection thanks to single-handed brake in the balanced handle
- ▶ Long service life thanks to the adjustment screw for readjustment purposes
- ▶ For medium to highly viscose 2-component hybrids and 2-component polyurethanes
- ▶ Transmission ratio 26:1
- ▶ No spare part service

Order unit (OU)

Order code

1 piece

H293

OTTO Hand-operated gun Gigapress Duo 490

The hand-operated gun for 2-component systems



Characteristics

- ▶ Robust hand-operated gun for the processing of 2-component side-by-side cartridges 490 ml (Sulzer F system and BlueLine) in the mixing ratio 10:1
- ▶ Side-loaded half-shell made from aluminium
- ▶ Single-handed lock release
- ▶ Transmission ratio 35:1
- ▶ For high-viscose 2-component hybrids and 2-component silicones
- ▶ No spare part service

Order unit (OU)

Order code

1 piece

GIGA490

P 310 SR★★★★★
PREMIUM

OTTO Compressed air gun P 310 SR

The short compressed air guns for cartridges



Characteristics

- ▶ Compressed air gun with hose mandrel, pin, pressure regulating valve and without driving rod
- ▶ For all 290/300/310 ml cartridges
- ▶ Maximum working pressure: 10 bar

Order unit (OU)

Order code

1 piece

P310SR

P 400 KB-2**SPECIAL**

OTTO Compressed air gun P 400 KB-2

The compressed air gun for 400 ml aluminium foil bags and cartridges



Characteristics

- ▶ Compressed air gun with optimum centre of gravity
- ▶ Aluminium tube with fast-release fastener for up to 400 ml aluminium foil bag and for 290/300/310 ml cartridges
- ▶ Continuously adjustable pressure regulation valve with plug nipple (EU)
- ▶ Maximum working pressure: 5 bar

Order unit (OU)

Order code

1 piece

P400KB2

P 600 B-2**SPECIAL**

OTTO Compressed air gun P 600 B-2

The compressed air gun for 600 ml aluminium foil bags



Characteristics

- ▶ Compressed air gun with optimum centre of gravity
- ▶ Aluminium tube with fast-release fastener for up to 600 ml aluminium foil bag
- ▶ Not suitable for cartridge use
- ▶ Continuously adjustable pressure regulation valve with plug nipple (EU)
- ▶ Maximum working pressure: 5 bar

Order unit (OU)

Order code

1 piece

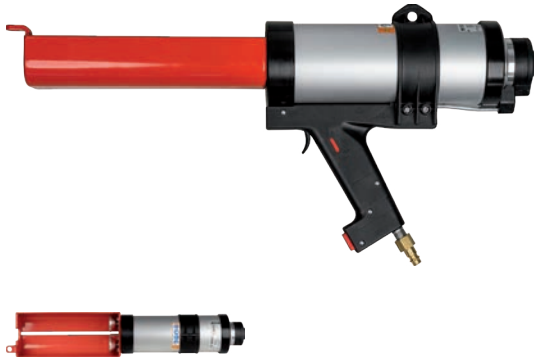
P600B2

SPECIAL

P 2x310

OTTO Compressed air gun P 2x310

The compressed air gun for 2-component systems for up to 2 x 310 ml



Characteristics

- ▶ Compressed air gun for the use of twin cartridges 2 x 190 ml and 2 x 310 ml with a mixture ratio of 1:1
- ▶ Infinitely adjustable pressure regulation in handle
- ▶ EU plug connection (fast-action coupling)
- ▶ One-hand operation, thus it is possible to regulate the dosing speed even during operation

Order unit (OU)

Order code

1 piece

P2x310

SPECIAL

P 490 DP2X

OTTO Compressed air gun P 490 DP2X

The compressed air gun for 2-component systems



Characteristics

- ▶ Compressed air gun for the use of side-by-side cartridges 490 ml (Sulzer C, F and BlueLine System) with mixing ratio of 10:1
- ▶ Special pistol for increased product discharge
- ▶ With continuously variable adjustable pressure control valve and quick-locking coupling (EU plug connection)
- ▶ Recommended working pressure: 5 bar

Order unit (OU)

Order code

1 piece

P490DP2X

VENTIL

OTTO Pressure regulating valve



Characteristics

- ▶ Simple and economical pressure reducer. Standard model with pressure gauge. Suitable for all compressed air guns

Order unit (OU)

Order code

1 piece

VENTIL

HPS-4T

★★★★
PREMIUM

OTTO Accumulator gun Type HPS-4T

Accumulator gun for cartridges and aluminium foil bags up to 400 ml



Characteristics

- › For aluminium foil bags up to 400 ml and for 280/290/300/310 ml cartridges
- › Includes 2 Li-Ion batteries, 10.8 volts/1.5 Ah
- › Quick charger with state of charge indicator (charge time approx. 40 minutes)
- › The return stop prevents the cartridge and bag from overflowing
- › Including professional pressure disc, white, for the complete emptying of the cartridge
- › Securely packaged in a durable transport case
- › Conform to RoHS
- › CE-compliant

Order unit (OU)

1 piece

Order code

HPS-4T



OTTO Accessories

OTTO Li-Ion battery 10,8 volt/1,5 Ah	p. 135
OTTO quick charging station with charge indicator for HPS	p. 136
OTTO Car charger Li-Ion 12 volt for HPS	p. 136
OTTO nozzle for foil bags 120 mm	p. 145
OTTO nozzle for foil bags 150 mm	p. 145
OTTO nozzle for foil bags 140 mm (No. 163)	p. 146

HPS-6T

★★★★
PREMIUM

OTTO Accumulator gun Type HPS-6T

Accumulator gun for cartridges and aluminium foil bags up to 600 ml



Characteristics

- › For aluminium foil bags up to 600 ml and for 280/290/300/310 ml cartridges
- › Includes 2 Li-Ion batteries, 10.8 volts/1.5 Ah
- › Quick charger with state of charge indicator (charge time approx. 40 minutes)
- › Including 2-piece professional pressure disc, white, for the complete emptying of film bags
- › The return stop prevents the cartridge and bag from overflowing
- › Securely packaged in a durable transport case
- › Conform to RoHS
- › CE-compliant

Order unit (OU)

1 piece

Order code

HPS-6T



OTTO Accessories

OTTO Li-Ion battery 10,8 volt/1,5 Ah	p. 135
OTTO quick charging station with charge indicator for HPS	p. 136
OTTO Car charger Li-Ion 12 volt for HPS	p. 136
OTTO nozzle for foil bags 120 mm	p. 145
OTTO nozzle for foil bags 150 mm	p. 145
OTTO nozzle for foil bags 140 mm (No. 163)	p. 146

OTTO Accumulator gun 2K AP 400

The Accumulator gun for 2-component systems



Characteristics

- ▶ Powerful accumulator gun for 2-component products
- ▶ Specifically for using 490 ml side-by-side plastic cartridges with a mixing ratio of 10:1 in the MIXPAC™ C-, F- and BlueLine system or ACF system
- ▶ Includes 2 Li-Ion batteries, 18 volts/2.0Ah with state of charge indicator
- ▶ Quick charger with state of charge indicator (charge time approx. 30 minutes)
- ▶ Practical side loader in a lightweight skeleton design with exchangeable retaining bridges to securely hold the cartridge systems
- ▶ Exchangeable plunger for other mixing ratios (1:1, 2:1, 4:1 and 10:1)
- ▶ For easy transport in a practical carrying bag
- ▶ Conform to RoHS
- ▶ CE-compliant

Standards and tests

- ▶ Machinery Directive: 2006/42/EC
- ▶ EMV guideline: 2014/30/EU
- ▶ RoHS directive 2011/65/EU
- ▶ Applied standards for these guidelines can be found in the declaration of conformity at the end of the operating instructions

Order unit (OU)	Order code
1 piece	2KAP400

AKKU-HPS

OTTO Li-Ion battery 10,8 volt/1,5Ah

Accessories for OTTO Accumulator gun type HPS-4T/-6T



Characteristics

- ▶ Replacement battery with 10.8 V Li-Ion 1.5Ah for OTTO accumulator gun type HPS-4T/-6T
- ▶ Compatible with OTTO quick charger with charge indicator and 30 min. charge duration
- ▶ Compatible with OTTO car charger Li-Ion 12 volt
- ▶ Conform to RoHS

Standards and tests

- ▶ CE marked

Order unit (OU)	Order code
1 piece	AKKU-HPS

LADE-HPS

OTTO quick charging station with charge indicator for HPS

Accessories for OTTO Accumulator gun type HPS-4T/-6T



Characteristics

- › Quick charging station for Li-Ion battery with 10.8 V
- › Quick charging station with 30 minutes charging time
- › Conform to RoHS

Standards and tests

- › CE marked

Order unit (OU)

1 piece

Order code

LADE-HPS

LADE-12VOLT

OTTO Car charger Li-Ion 12 volt for HPS

Accessories for OTTO Accumulator Gun type HPS-4T/-6T



Characteristics

- › Charger for 10.8 V Li-Ion battery with charge display and 12 V car adapter
- › Input: 12 V, 65 W
- › Output: 10.8 V, 2.3 A
- › Conform to RoHS

Standards and tests

- › CE marked

Order unit (OU)

1 piece

Order code

LADE-12VOLT

OTTO Dosing gun PRO



Order unit (OU)

1 piece

Order code

PRO



OTTO product tip

OTTOPUR Cleaner
OTTO Cleaning wipes

p. 124

p. 153

Characteristics

- › High-quality professional gun, non-stick coated
- › Durability with optimised dosage adapter
- › Dosing gun for processing 1-component dosing foam
OTTOPUR OP 910, OTTOPUR OP 915, OTTOPUR OP 950,
OTTOPUR OP 960
- › Light, precise dosage needle alignment with end stop function
- › Rubber handle and trigger
- › Including
 - 2 tubes for dosing gun, length: 200 mm;
 - 2 tips Ø = 4 mm for dosing gun, length: 48 mm;
 - 2 fine nozzles Ø = 4 mm for dosing gun, length: 100 mm
- › No spare part service

BASIC

OTTO Dosing gun BASIC



Order unit (OU)

1 piece

Order code

BASIC



OTTO product tip

OTTOPUR Cleaner
OTTO Cleaning wipes

p. 124

p. 153

Characteristics

- › Sturdy plastic gun with metal pipe and brass dosage tip
- › Dosing gun for processing 1-component dosing foam
OTTOPUR OP 910, OTTOPUR OP 915, OTTOPUR OP 950,
OTTOPUR OP 960
- › Ergonomic, rubberized handle for better grip
- › Large adjusting screw for easy dosing
- › Includes 2 tubes for dosing gun, length: 200 mm; 2 tips Ø = 4 mm for
dosing gun, length: 48 mm;
- › No spare part service

Processing tools/ Accessories



FUXANSCHLUSS

OTTO Fugenfux®, set of 4 for connection joints

The special smoothing tool

Skimming spatula made from special plastic

Characteristics

- ▶ Smoothing tool made from special plastic for the professional formation of joints in the area of (structural) connection
- ▶ Sizes: 2 x 13 mm and 2 x 17 mm

Order unit (OU)

Order code

1 piece

FUXANSCHLUSS

FUXSANI

OTTO Fugenfux® for sanitary and floor joints

The smoothing tool set for sanitary and floor joints

Skimming spatula made from special plastic

Characteristics

- ▶ Smoothing tool made from special plastic for the professional formation of joints in the area of floor, sanitary, tile and natural stone
- ▶ Sizes: 6,3mm, 8,3mm, 10,0mm, round

Order unit (OU)

Order code

1 piece

FUXSANI

★★★★★
PREMIUM

FUXMULTI

OTTO Fugenfux® Multitool

The universal smoothing tool

Skimming spatula made from special plastic

Characteristics

- ▶ Smoothing tool made from special plastic for the professional formation of joints in the area of floor, sanitary, tile and natural stone
- ▶ Sizes: 6,3mm, 8,3mm, 10,0mm, round

Order unit (OU)

Order code

1 piece

FUXMULTI

BOYGROSS

OTTO Fugenboy large

The smoothing tool set

Skimming spatula made from highly flexible plastic



Characteristics

- Highly flexible smoothing tool for professionals
- Sizes: 11 mm, 14 mm, 17 mm

Order unit (OU)	Order code
1 piece	BOYGROSS

BOYKLEIN

OTTO Fugenboy small

The smoothing tool set

Skimming spatula made from highly flexible plastic



Characteristics

- Highly flexible smoothing tool for professionals
- Sizes: 5 mm, 8 mm, round

Order unit (OU)	Order code
1 piece	BOYKLEIN

FIX

OTTO Glättfix

The smoothing tool

Skimming spatula made from highly flexible plastic



Characteristics

- Dimensions approx. 8,5 x 4 cm

Order unit (OU)	Order code
1 piece	FIX

SPACHT

OTTO Smoothing tool

The special skimming spatula

Skimming spatula made from highly flexible plastic



Characteristics

- › Dimensions approx. 100x100x6mm
- › Optimum external contour with all-round scanning edges
- › Exterior corners with additional brackets for sealing window panes (2x90°, 15° and 20°)
- › The material of the smoothing tool can be cut and sanded to match the individual processing requirements
- › Resistant to the chemicals used for elastic jointing

Order unit (OU)

Order code

1 piece

SPACHT

TEIGGROSS

OTTO Scraper large

The smoothing tool

Smoothing tool made from special plastic



Characteristics

- › Size approx. 28 cm

Order unit (OU)

Order code

1 piece

TEIGGROSS

TEIGKLEIN

OTTO Scraper small

The smoothing tool

Smoothing tool made from special plastic



Characteristics

- › Size approx. 25 cm

Order unit (OU)

Order code

1 piece

TEIGKLEIN

DÜSE-STA107**OTTO Standard nozzle for cartridges 107 mm****Characteristics**

- ▶ Nozzles for 290/300/310 ml cartridges

Order unit (OU)

1 piece

Order code

DÜSE-STA107

DÜSE-STR105**OTTO Nozzle with supporting rim 105 mm**

The short supporting rim cartridge nozzle

**Characteristics**

- ▶ Nozzles for 290/300/310 ml cartridges

Order unit (OU)

1 piece

Order code

DÜSE-STR105

DÜSE-STR175**OTTO Nozzle with supporting rim 175 mm**

The long supporting rim cartridge nozzle

**Characteristics**

- ▶ Nozzles for 290/300/310 ml cartridges

Order unit (OU)

1 piece

Order code

DÜSE-STR175

CLIP

OTTO Clip nozzle transparent without cap

The clip-on cartridge nozzle



Characteristics

- ▶ Clip nozzles for 290/300/310ml cartridges

Order unit (OU)

1 piece

Order code

CLIP

CLIPKAPPE

OTTO Clip nozzle transparent with cap

The clip-on cartridge nozzle with cap



Characteristics

- ▶ Clip nozzles for 290/300/310ml cartridges

Order unit (OU)

1 piece

Order code

CLIPKAPPE

DÜSE-DREH

OTTO cartridge nozzle, rotatable

The swivelling cartridge nozzle for every angle



Characteristics

- ▶ Nozzles for 290/300/310ml cartridges
- ▶ Nozzles rotatable by 360°

Order unit (OU)

5 pieces

Order code

DÜSE-DREH

DÜSE-FLACH**OTTO Flat fishtail nozzle****Characteristics**

- Nozzles for 290/300/310 ml cartridges
- Size of the application opening: width 40mm x height 2mm

Order unit (OU)

10 pieces

Order code

DÜSE-FLACH

DÜSE-V-KART**OTTO V-joint nozzle****Characteristics**

- Nozzles for 290/300/310 ml cartridges

Order unit (OU)

10 pieces

Order code

DÜSE-V-KART

DÜSE-KURZALU**OTTO nozzle short for 1,000 ml aluminium cartridge****Characteristics**

- Nozzle for 1,000 ml aluminium cartridges

Order unit (OU)

1 piece

Order code

DÜSE-KURZALU

V-KAPPE**OTTO Screw cap**

The sealing cap for cartridges

**Characteristics**

- For 290/300/310 ml cartridges

Order unit (OU)

1 piece

Order code

V-KAPPE

W-STÜCK

OTTO Corner piece

The corner piece for cartridge nozzles



Characteristics

- ▶ For 290/300/310 ml cartridges

Order unit (OU)

1 piece

Order code

W-STÜCK

DÜSE-FB120

OTTO nozzle for foil bags 120 mm

The standard nozzle for foil bags



Characteristics

- ▶ Nozzle for 400/580/600 ml aluminium foil bag

Order unit (OU)

1 piece

Order code

DÜSE-FB120

DÜSE-FB150

OTTO nozzle for foil bags 150 mm

The long nozzle for foil bags



Characteristics

- ▶ Nozzle for 400/580/600 ml aluminium foil bag

Order unit (OU)

1 piece

Order code

DÜSE-FB150

DÜSE-163**OTTO nozzle for foil bags 140 mm (No. 163)**

The yellow bag nozzle for aluminium foil bags

**Characteristics**

- › Nozzle for 400/580/600ml aluminium foil bag
- › For OTTO hand-operated guns H 400 and H 600
- › For OTTO hand-operated guns H 600 HP+
- › For OTTO compressed air guns P 400 KB-2 and P 600 B-2
- › For OTTO accumulator gun type HPS-4T and HPS-6T
- › Inner Ø = 2,75 – 21 mm
- › Length: 140 mm

Order unit (OU)

1 piece

Order code

DÜSE-163

DÜSE-V-BEUT**OTTO V-joint nozzle for foil bags****Characteristics**

- › Nozzle for 400/580/600ml aluminium foil bag

Order unit (OU)

1 piece

Order code

DÜSE-V-BEUT

DÜSE-MK5-C01**OTTO nozzle for foil bags 104 mm**

The white bag nozzle for aluminium foil bags

**Characteristics**

- › Nozzle for wide joints for 400/580/600ml aluminium foil bags
- › Additionally needed nozzle holder MK 1
- › Inner Ø = 6 – 22 mm
- › Length: 104 mm

Order unit (OU)

1 piece

Order code

DÜSE-MK5-C01

**OTTO Accessories**

OTTO Nozzle holder

p. 147

DÜSE-MK5-C02

OTTO nozzle for foil bags 106 mm

The grey bag nozzle for aluminium foil bags



Characteristics

- ▶ Nozzle for wide joints for 400/580/600ml aluminium foil bags
- ▶ Additionally needed nozzle holder MK1
- ▶ Inner Ø = 0 – 22 mm
- ▶ Length: 106mm

Order unit (OU)

1 piece

Order code

DÜSE-MK5-C02



OTTO Accessories

OTTO Nozzle holder

p. 147

D-HALTER-MK1

OTTO Nozzle holder

The nozzle holder for aluminium foil bags



Characteristics

- ▶ Nozzle holder for 400/580/600ml aluminium foil bags
- ▶ Is necessary when using nozzle MK5 (white or grey)
- ▶ Required for the use of the MK1 adapter for cartridge nozzles
- ▶ For OTTO hand-operated guns H 600 HP+
- ▶ For OTTO accumulator gun type HPS-4T and HPS-6T

Order unit (OU)

1 piece

Order code

D-HALTER-MK1



Additional useful information

For the following products:

OTTO nozzle for foil bags 104 mm

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OTTO nozzle for foil bags 106 mm

p. 147

OTTO nozzle adapter

p. 147

MK1-ADAPTER

OTTO nozzle adapter

The nozzle adapter for cartridge nozzles



Characteristics

- ▶ Adapter for the use of cartridge nozzles for 400/580/600ml aluminium foil bags
- ▶ Nozzle holder MK1 also necessary

Order unit (OU)

1 piece

Order code

MK1-ADAPTER



OTTO Accessories

OTTO Standard nozzle for cartridges 107 mm

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OTTO Nozzle with supporting rim 105 mm

p. 142

OTTO Nozzle with supporting rim 175 mm

p. 142

OTTO Clip nozzle transparent without cap

p. 143

OTTO Clip nozzle transparent with cap

p. 143

OTTO cartridge nozzle, rotatable

p. 143

OTTO Flat fishtail nozzle

p. 144

OTTO V-joint nozzle

p. 144

OTTO Nozzle holder

p. 147

KWM10**OTTO Static mixing nozzle KWM10**

The static mixing nozzle for twin cartridges

**Characteristics**

- › Static mixing nozzles for processing of our OTTOCOLL® P 520 SP 5276
- › System 1:1, cup connection with internal thread
- › 10 mixing elements
- › Inner Ø = 5,8 mm
- › Length: 217 mm, with scale for shortening every 15 mm

Order unit (OU)

1 piece

Order code

KWM 10

KWM18K**OTTO Static mixing nozzle KWM18K**

The static mixing nozzle for twin cartridges

**Characteristics**

- › Static mixing nozzles for the processing of our OTTOCOLL® P 520, its SP versions, OTTOCOLL® P 525 and OTTOCOLL® M 580
- › System 1:1, cup connection with internal thread
- › 18 mixing elements
- › Conical tip, inner Ø = 3 mm
- › Length: 217 mm

Order unit (OU)

1 piece

800 pieces

Order code

KWM 18K

STATMIX800

MGQ 10-16D**OTTO Static mixing nozzle MGQ 10-16D**

The static mixing nozzle for coaxial cartridges

**Characteristics**

- › Static mixing nozzles for the processing of our OTTOCOLL® S 81 in the 280 ml coaxial cartridge
- › System 10:1, cup connection with internal thread
- › 16 mixing elements, black without wall, with straight tip, inside Ø = 5 mm
- › Length: 157 mm

Order unit (OU)

1 piece

Order code

MGQ 10-16D

MGQ 10-19D

OTTO Static mixing nozzle MGQ 10-19D

for twin cartridges



Characteristics

- › Static mixing nozzles for the processing of our OTTOCOLL® M 580
- › System 1:1, cup connection with internal thread
- › 19 mixing elements, green with wall, with straight tip, inner Ø = 5 mm
- › Length: 157 mm

Order unit (OU)

1 piece

Order code

MGQ 10-19D

RWM 14G

OTTO Static mixing nozzle RWM 14G

The static mixing nozzle for twin cartridges



Characteristics

- › Static mixing nozzles for the processing of our OTTOCOLL® P 520 and its SP versions
- › System 1:1, cup connection with internal thread
- › 14 mixing elements, black
- › Inner Ø = 6,8 mm
- › Length: 214 mm, with scale for shortening every 10 mm

Order unit (OU)

1 piece

Order code

RWM 14G

MISCHER-TURBO

OTTO Static mixing nozzles 2-component PU

The static mixing nozzles for the processing of OTTOPUR Turbo



Characteristics

- › Static mixing nozzles for the processing of our OTTOPUR Turbo
- › System 1:1
- › 24 mixing elements, transparent
- › Inner Ø = 5 mm
- › Length: 230 mm

Order unit (OU)

1 piece

Order code

MISCHER-TURBO

ACFORBIS 12-24X

OTTO Static mixing nozzle ACF ORBIS 12-24X 10:1

The static mixing nozzle for ACF ORBIS cartridges



Characteristics

- › Static mixing nozzles for the processing of 2-component silicone products
- › System 10:1, ACF ORBIS
- › 24 mixing elements, with stepped tip
- › Length: 183mm

Order unit (OU)

1 piece

Order code

ACF 12-24X

MBLTX 14-16G

OTTO Static mixing nozzle MBLTX 14-16G

for BlueLine cartridges



Characteristics

- › Static mixing nozzles for the processing of our OTTOCOLL® S 81 and OTTOCOLL® S 670 in the BlueLine cartridge
- › System 10:1, Mixpac BlueLine system connection
- › 16 mixing elements, inside Ø = 11 mm, length: 172 mm
- › The outlet with external thread M 15x1.5 is suitable for OTTO standard cartridge nozzle 107 mm and OTTO flat nozzle

Order unit (OU)

1 piece

Order code

MBLTX 14-16G

MFHX 13-18T

OTTO Static mixing nozzle MFHX 13-18T

The static mixing nozzles for side-by-side cartridges



Characteristics

- › Static mixing nozzles for the processing of 2-component hybrid products
- › System 10:1, Mixpac F-System connection
- › With stepped tip, inner Ø = 4 mm
- › Length: 225 mm

Order unit (OU)

1 piece

Order code

MFHX 13-18T

MFQX 5-24L

OTTO Static mixing nozzle MFQX 5-24L

The static mixing nozzles for side-by-side cartridges



Characteristics

- › Static mixing nozzles for the processing of 2-component silicone products
- › System 10:1, Mixpac F-System connection
- › 24 mixing elements, with straight tip, inner Ø = 1.8 mm
- › Length: 122 mm
- › Processing only with compressed air gun

Order unit (OU)

1 piece

Order code

MFQX 5-24L

MFQX 10-24T

OTTO Static mixing nozzle MFQX 10-24T

The static mixing nozzles for side-by-side cartridges



Characteristics

- › Static mixing nozzles for the processing of 2-component silicone products
- › System 10:1, Mixpac F-System connection
- › 24 mixing elements, with stepped tip
- › Length: 170 mm

Order unit (OU)

1 piece

Order code

MFQX 10-24T

GEWINDE

OTTO Screw-on adapter

The screw-on adapter for static mixing nozzles



Characteristics

- › Adapter with internal thread for screwing onto graded and straight tip of OTTO static mixing nozzles MFQX 10-24T, MGQ 10-16D, MGQ 10-19D and external thread for OTTO standard cartridge nozzle 107 mm or OTTO Flat fishtail nozzle

Order unit (OU)

1 piece

Order code

GEWINDE-1

25 pieces

GEWINDE-25

HAHN

OTTO drain cock 2"

The drain cock 2" with venting (AERO FLOW)



Characteristics

- › For 30, 50 and 200 litre drum with tap hole
- › For a 25l tin drum with tap hole

Order unit (OU)

Order code

1 piece

HAHN

SCHNEIDER

OTTO Cartridge cutter

The cartridge cutter

Plastic tool with stainless steel blade and pin



Characteristics

- › For cutting nozzles and the threaded nipples of cartridges
- › Blade is stainless and replaceable
- › Dimensions approx. 13x4 cm

Order unit (OU)

Order code

1 piece

SCHNEIDER

KLINGE

OTTO Spare blade for cartridge cutter



Order unit (OU)

Order code

1 piece

KLINGE

OTTO Cleaning wipes

Special cleaning wipes made of lint-free material



Characteristics

- › Very robust, lint-free wipe
- › Strong cleaning effect
- › Kind to the skin
- › Pleasantly fresh smell
- › Resealable dispenser bucket
- › Dimensions of the wipes: 25 x 25 cm
- › Contents per bucket: 72 wipes

Fields of application

- › For removing unhardened PU-foam, adhesive and sealant residues from all surfaces

Order unit (OU)	Packaging unit (PU)	Pieces per pallet	Order code
1 pail à 72 wipes	6 pail à 72 wipes	120	TUCH

STÄNDER

OTTO Cartridge stand



Characteristics

- › Can hold 8 x 13 = 104 cartridges
- › Dimensions 48 x 62 x 42 cm (B x H x T)
- › Offers two areas to place advertising stickers
- › Suited also for cartridges with clipped nozzles

Fields of application

- › Presentation of OTTO cartridges in sales areas, on counters and on shelves

Order unit (OU)	Order code
1 piece	STÄNDER

Tapes/Back-up foam rods



BAB-V

OTTO Window tape Vario

The window tape for RAL assembly

Fabric reinforced tape with alternate self-bonding to the frame

For indoor and outdoor application



Characteristics

- › Good flexibility
- › Variable humidity fabric
- › Can be covered with plaster
- › Alkali-resistant

Fields of application

- › Structural connection according to the window and door mounting regulations
- › For sealing of joints around windows and doors indoors and in exterior areas
- › Levelling of irregularities by bonding with OTTOSEAL® M 360
- › Suitable for use with OTTOPUR PU foams

Standards and tests

- › Complies with the guidelines of RAL assembly

Width	Order unit (OU)	Packaging unit (PU)	Order code
75 mm	1 roll, each 50m	5 rolls, each 50m	BAB-V-75
100 mm	1 roll, each 50m	4 rolls, each 50m	BAB-V-100
150 mm	1 roll, each 50m	2 rolls, each 50m	BAB-V-150



OTTO product tip

OTTOSEAL® M 360
OTTOSEAL® M 361
OTTO Spray primer

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BAB-VD

OTTO Window tape Vario Duo

The full-surface, self-adhesive window tape for RAL assembly

Fabric reinforced tape with alternate self-bonding to the frame and full-surface bonding to the reveal

For indoor and outdoor application



Characteristics

- › Good flexibility
- › Variable humidity fabric
- › Can be covered with plaster
- › Alkali-resistant

Fields of application

- › Structural connection according to the window and door mounting regulations
- › For sealing of joints around windows and doors indoors and in exterior areas
- › Suitable for use with OTTOPUR PU foams

Standards and tests

- › Complies with the guidelines of RAL assembly

Width	Order unit (OU)	Packaging unit (PU)	Order code
75 mm	1 roll, each 50m	5 rolls, each 50m	BAB-VD-75
100 mm	1 roll, each 50m	4 rolls, each 50m	BAB-VD-100
150 mm	1 roll, each 50m	2 rolls, each 50m	BAB-VD-150



OTTO product tip

OTTOSEAL® M 360
OTTOSEAL® M 361
OTTO Spray primer

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OTTOTAPE Trio-BKA MF1

The multifunctional sealing tape for RAL assembly



Polyurethane foam with impregnation

For indoor and outdoor application



Characteristics

- › Polyurethane foam, saturated with modified acrylic resin impregnation
- › Impregnated multifunctional sealing tape self-adhesive on one side for fast mounting
- › Stretches inside the joint to its final thickness
- › Driving rain resistant, thermal insulating and airtight product
- › Tighter inside than outside, according to the current state of technology
- › Can be covered with plaster and painted
- › Complies with building material class B1 "hardly inflammable" in accordance with DIN 4102-1
- › Resistant to UV light and moisture exposure

Fields of application

- › Structural connection according to the window and door mounting regulations
- › For sealing of joints around windows and doors indoors and in exterior areas
- › For sealing in the parapet area, we recommend the narrower OTTOTAPE Trio FBA or OTTO window tapes.

Standards and tests

- › Complies with the guidelines of RAL assembly
- › Multifunctional sealing tape according to DIN 18542 – MF1
- › Suitable for applications according to IVD instruction sheet no. 24+26+35 (IVD = German industry association sealants)
- › EMICODE® EC 1 PLUS – very low emission



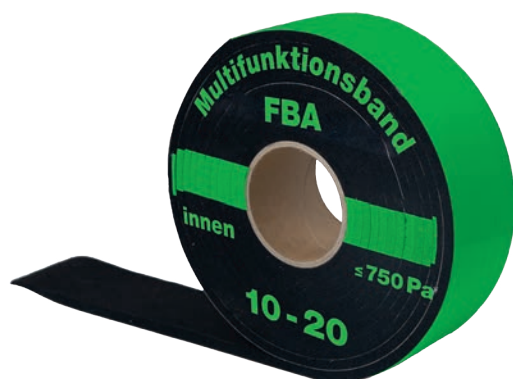
Frame installation depth	Tape width	Functional range/joint width	Order unit (OU)	Packaging unit (PU)	Order code
70 mm	64 mm	6- 15mm	1 roll, each 8 m	7 rolls, each 8 m	BKA-70/6-15
70 mm	64 mm	10-20 mm	1 roll, each 6 m	7 rolls, each 6 m	BKA-70/10-20
80 mm	74 mm	6- 15 mm	1 roll, each 8 m	6 rolls, each 8 m	BKA-80/6-15
80 mm	74 mm	10-20 mm	1 roll, each 6 m	6 rolls, each 6 m	BKA-80/10-20
90 mm	84 mm	6- 15 mm	1 roll, each 8 m	5 rolls, each 8 m	BKA-90/6-15
90 mm	84 mm	10-20 mm	1 roll, each 6 m	5 rolls, each 6 m	BKA-90/10-20

OTTOTAPE Trio-FBA

The multifunctional sealing tape for RAL assembly

Polyurethane foam with impregnation

For indoor and outdoor application



Standards and tests

› Suitable for applications according to IVD instruction sheet no. 24+26+35
(IVD = German industry association sealants)

Installation depth of the base profile	Tape width	Functional range/joint width	Order unit (OU)	Packaging unit (PU)	Order code
30 mm	30 mm	6- 15 mm	1 roll, each 8 m	16 rolls, each 8 m	FBA-30/6-15
30 mm	30 mm	10-20 mm	16 rolls, each 6 m	16 rolls, each 6 m	On request
35 mm	35 mm	6- 15 mm	1 roll, each 8 m	14 rolls, each 8 m	FBA-35/6-15
35 mm	35 mm	10-20 mm	14 rolls, each 6 m	14 rolls, each 6 m	On request

On request only deliverable in packaging units (PU), delivery time of 6 weeks

Characteristics

- › Polyurethane foam, saturated with modified acrylic resin impregnation
- › Impregnated multifunctional sealing tape self-adhesive on one side for fast mounting
- › Stretches inside the joint to its final thickness
- › Driving rain resistant, thermal insulating and airtight product
- › Tighter inside than outside, according to the current state of technology
- › Can be covered with plaster and painted
- › Complies with building material class B1 "hardly inflammable" in accordance with DIN 4102-1
- › Resistant to UV light and moisture exposure

Fields of application

- › Structural connection according to the window and door mounting regulations
- › For the sealing of joints of windows in the parapet field
- › For the sealing of the upper and side joints we recommend OTTOTAPE Trio-BKA MF1

OTTOTAPE D-25-I Duct

The adhesive foil tape for connecting at breakthroughs

Single-sided adhesive foil tape



Characteristics

- › Single-sided adhesive foil tape
- › With laid scrim, tape stretchable in cross direction
- › Thick adhesive layer (220 g/m²)
- › Processing temperature up to -10 °C
- › Very strong adhesive force on all rough substrates
- › Resistant to aging
- › Very low vapour sensitivity

Fields of application

- › Sealing of ducts on chimneys, ventilation pipes, beams etc.
- › For a permanently airtight sealing in compliance with DIN 4108-7
- › Overlapping bonding of vapour retarders, vapour barriers and insulating materials according to DIN 4108-7
- › Joint bonding on wood panels
- › Not suitable for sauna and swimming pools

Width	Order unit (OU)	Packaging unit (PU)	Order code
60 mm	1 roll, each 25 m	10 rolls, each 25 m	D-25-I



OTTO product tip

OTTOCOLL® A270

p. 75

OTTOTAPE E-40-I Overlapping

The adhesive tape for foil overlaps

Single-sided adhesive foil tape



Characteristics

- › Single-sided, solvent-free adhesive tape
- › Kraft paper tape, can be torn by hand
- › Thick adhesive layer (220 g/m²)
- › Processing temperature up to -10 °C
- › Very strong adhesive force on all rough substrates
- › Resistant to aging
- › Almost completely resistant to moisture

Fields of application

- › For a permanently airtight sealing in compliance with DIN 4108-7
- › Overlapping bonding of vapour retarders, vapour barriers and insulating materials according to DIN 4108-7
- › Joint bonding on wood panels
- › Not suitable for sauna and swimming pools

Width	Order unit (OU)	Packaging unit (PU)	Order code
60 mm	1 roll, each 40 m	8 rolls, each 40 m	E-40-I



OTTO product tip

OTTOCOLL® A270

p. 75

OTTO Flexi tape

The glazing tape for insulating glass

PE flexible foam tape

For indoor and outdoor application



Characteristics

- ▶ Reinforced for tensile strength
- ▶ Closed-cell
- ▶ Resistant to aging
- ▶ Compatible with OTTO silicone sealants
- ▶ Available with or without removable strip

Fields of application

- ▶ Used as a glazing tape for insulating glass in accordance with the Rosenheim specifications

Standards and tests

- ▶ French VOC-emission class A+

OTTO Flexi tape with peel-off foil

Dimensions	Colour	Order unit (OU)	Packaging unit (PU)	Order code
6 x 2 mm	anthracite	75 x 20 m pc.	75 x 20 m pc.	On request
6 x 2 mm	white	75 x 20 m pc.	75 x 20 m pc.	On request
8 x 2 mm	anthracite	75 x 20 m pc.	75 x 20 m pc.	On request
8 x 2 mm	white	75 x 20 m pc.	75 x 20 m pc.	On request
9 x 2 mm	anthracite	5 x 20 m pc.	75 x 20 m pc.	FLBM-9x2-C67
9 x 2 mm	white	5 x 20 m pc.	75 x 20 m pc.	FLBM-9x2-C01
9 x 3 mm	anthracite	5 x 20 m pc.	75 x 20 m pc.	FLBM-9x3-C67
9 x 3 mm	white	5 x 20 m pc.	75 x 20 m pc.	FLBM-9x3-C01
9 x 4 mm	anthracite	5 x 10 m pc.	150 x 10 m pc.	FLBM-9x4-C67
9 x 4 mm	white	150 x 10 m pc.	150 x 10 m pc.	On request
9 x 5 mm	anthracite	150 x 10 m pc.	150 x 10 m pc.	On request
9 x 5 mm	white	150 x 10 m pc.	150 x 10 m pc.	On request
9 x 6 mm	anthracite	100 x 10 m pc.	100 x 10 m pc.	On request
9 x 6 mm	white	100 x 10 m pc.	100 x 10 m pc.	On request
12 x 2 mm	anthracite	5 x 20 m pc.	75 x 20 m pc.	FLBM-12x2-C67
12 x 2 mm	white	75 x 20 m pc.	75 x 20 m pc.	On request
12 x 3 mm	anthracite	5 x 20 m pc.	75 x 20 m pc.	FLBM-12x3-C67
12 x 3 mm	white	75 x 20 m pc.	75 x 20 m pc.	On request
12 x 4 mm	anthracite	5 x 10 m pc.	150 x 10 m pc.	FLBM-12x4-C67

Dimensions	Colour	Order unit (OU)	Packaging unit (PU)	Order code
12 x 4 mm	white	150 x 10 m pc.	150 x 10 m pc.	On request
12 x 5 mm	anthracite	120 x 10 m pc.	120 x 10 m pc.	On request
12 x 5 mm	white	120 x 10 m pc.	120 x 10 m pc.	On request
15 x 2 mm	anthracite	5 x 20 m pc.	75 x 20 m pc.	FLBM-15x2-C67
15 x 2 mm	white	75 x 20 m pc.	75 x 20 m pc.	On request
15 x 3 mm	anthracite	75 x 20 m pc.	75 x 20 m pc.	On request
15 x 3 mm	white	75 x 20 m pc.	75 x 20 m pc.	On request
50 x 5 mm	anthracite	35 x 10 m pc.	35 x 10 m pc.	On request
50 x 5 mm	white	35 x 10 m pc.	35 x 10 m pc.	On request

OTTO Flexi tape SP without peel-off foil

Dimensions	Colour	Order unit (OU)	Packaging unit (PU)	Order code
6 x 2 mm	anthracite	70 x 20 m pc.	70 x 20 m pc.	On request
6 x 2 mm	white	70 x 20 m pc.	70 x 20 m pc.	On request
8 x 2 mm	anthracite	70 x 20 m pc.	70 x 20 m pc.	On request
8 x 2 mm	white	70 x 20 m pc.	70 x 20 m pc.	On request
9 x 2 mm	anthracite	5 x 20 m pc.	70 x 20 m pc.	FLBO-9x2-C67
9 x 2 mm	white	70 x 20 m pc.	70 x 20 m pc.	On request
9 x 3 mm	anthracite	5 x 20 m pc.	70 x 20 m pc.	FLBO-9x3-C67
9 x 3 mm	white	70 x 20 m pc.	70 x 20 m pc.	On request
9 x 4 mm	anthracite	140 x 10 m pc.	140 x 10 m pc.	On request
9 x 4 mm	white	140 x 10 m pc.	140 x 10 m pc.	On request
9 x 5 mm	anthracite	140 x 10 m pc.	140 x 10 m pc.	On request
9 x 5 mm	white	140 x 10 m pc.	140 x 10 m pc.	On request
9 x 6 mm	anthracite	140 x 10 m pc.	140 x 10 m pc.	On request
9 x 6 mm	white	140 x 10 m pc.	140 x 10 m pc.	On request
12 x 2 mm	anthracite	5 x 20 m pc.	70 x 20 m pc.	FLBO-12x2-C67
12 x 2 mm	white	70 x 20 m pc.	70 x 20 m pc.	On request
12 x 3 mm	anthracite	5 x 20 m pc.	70 x 20 m pc.	FLBO-12x3-C67
12 x 3 mm	white	70 x 20 m pc.	70 x 20 m pc.	On request
12 x 4 mm	anthracite	140 x 10 m pc.	140 x 10 m pc.	On request
12 x 4 mm	white	140 x 10 m pc.	140 x 10 m pc.	On request
12 x 5 mm	anthracite	100 x 10 m pc.	100 x 10 m pc.	On request
12 x 5 mm	white	100 x 10 m pc.	100 x 10 m pc.	On request
15 x 2 mm	anthracite	70 x 20 m pc.	70 x 20 m pc.	On request
15 x 2 mm	white	70 x 20 m pc.	70 x 20 m pc.	On request
15 x 3 mm	anthracite	70 x 20 m pc.	70 x 20 m pc.	On request
15 x 3 mm	white	70 x 20 m pc.	70 x 20 m pc.	On request
50 x 5 mm	anthracite	35 x 10 m pc.	35 x 10 m pc.	On request
50 x 5 mm	white	35 x 10 m pc.	35 x 10 m pc.	On request

On request only deliverable in packaging units (PU), delivery time of 2-3 weeks

OTTO Jointing tape BG1

The precompressed jointing tape BG1

Polyurethane foam with impregnation

For indoor and outdoor application



Characteristics

- ▶ Impregnated foam tape, self-adhesive on one side
- ▶ Stretches slowly inside the joint to its final thickness
- ▶ Forms a driving rain resistant joint according to DIN 18542
- ▶ Good UV-resistance
- ▶ Flame resistant
- ▶ Protects against moisture and dust, heat loss, noise etc.
- ▶ Compatible with concrete, cellular concrete, bricks, sandlime brick, iron, zinc, steel, galvanised sheet metal, aluminium, copper, wood and unplasticized PVC

Fields of application

- ▶ Sealing of joints
- ▶ Joint between masonry and door or window frames
- ▶ Joint between masonry and concrete pillars, gable and roofing panels, sheet metal window sills, expanding joints, sheet pile profiles and corrugated panels

Standards and tests

- ▶ BG1 according to DIN 18542
- ▶ Driving rain resistant up to 600 Pa according to DIN EN ISO 1027
- ▶ Compatible with general construction material according to DIN 18542
- ▶ General building inspection certificate: Tested and monitored (MPA BUA Hannover, Germany) – flame-resistant building material (building material class B1) according to DIN 4102-1
- ▶ Suitable for applications according to IVD instruction sheet no. 11+24+26+31+32+35 (IVD = German industry association sealants)
- ▶ French VOC-emission class A+
- ▶ EMICODE® EC 1 PLUS – very low emission



Joint depth	Joint width application area	Order unit (OU)	Packaging unit (PU)	Order code
10 mm	2 mm	1 x 12,5 m pc.	11 x 12,5 m pc.	OFB-10/2
10 mm	3 mm	1 x 10 m pc.	11 x 10 m pc.	OFB-10/3
10 mm	3–6 mm	1 x 8 m pc.	11 x 8 m pc.	OFB-10/4
15 mm	2 mm	1 x 12,5 m pc.	7 x 12,5 m pc.	OFB-15/2
15 mm	3 mm	1 x 10 m pc.	7 x 10 m pc.	OFB-15/3
15 mm	3–6 mm	1 x 8 m pc.	7 x 8 m pc.	OFB-15/4
15 mm	5–9 mm	1 x 5,6 m pc.	7 x 5,6 m pc.	OFB-15/6
20 mm	2 mm	1 x 12,5 m pc.	5 x 12,5 m pc.	OFB-20/2
20 mm	3 mm	100 x 10 m pc.	100 x 10 m pc.	On request
20 mm	3–6 mm	1 x 8 m pc.	5 x 8 m pc.	OFB-20/4
20 mm	5–9 mm	1 x 5,6 m pc.	5 x 5,6 m pc.	OFB-20/6
20 mm	7–12 mm	1 x 4,3 m pc.	5 x 4,3 m pc.	OFB-20/8
25 mm	7–12 mm	80 x 4,3 m pc.	80 x 4,3 m pc.	On request
25 mm	9–16 mm	1 x 3,3 m pc.	4 x 3,3 m pc.	OFB-25/10
30 mm	9–16 mm	66 x 3,3 m pc.	66 x 3,3 m pc.	On request
30 mm	10–18 mm	1 x 4,5 m pc.	8 x 4,5 m pc.	OFB-30/12

On request only deliverable in packaging units (PU), delivery time of 2-3 weeks

OTTO Insulating tape BG2

The precompressed insulating tape BG2

Polyurethane foam with impregnation

For indoor and outdoor application



Characteristics

- Impregnated foam tape, self-adhesive on one side
- Stretches slowly inside the joint to its final thickness
- Forms a driving rain resistant joint according to DIN 18542
- Good UV-resistance
- Protects against moisture and dust, heat loss, noise etc.
- Compatible with concrete, cellular concrete, bricks, sandlime brick, iron, zinc, steel, galvanised sheet metal, aluminium, copper, wood and unplasticized PVC

Fields of application

- Sealing of joints against sound, driving rain, dust, draft and heat loss
- Especially suitable for joint constructions as in e.g. coupled windows, hidden window joints to define a boundary for sealants

Standards and tests

- BG 2 according to DIN 18542
- Driving rain resistant up to 600 Pa according to DIN EN ISO 1027
- Compatible with general construction material according to DIN 18542
- General building inspection certificate – normal inflammable building material (B2) according to DIN 4102-1
- Suitable for applications according to IVD instruction sheet no. 24+26+31+32+35 (IVD = German industry association sealants)
- French VOC-emission class A+
- EMICODE® EC 1 PLUS – very low emission



Joint depth	Joint width application area	Order unit (OU)	Packaging unit (PU)	Order code
10 mm	2 mm	198 x 12,5 m pc.	198 x 12,5 m pc.	On request
10 mm	3 mm	198 x 10 m pc.	198 x 10 m pc.	On request
10 mm	3–6 mm	198 x 8 m pc.	198 x 8 m pc.	On request
15 mm	2 mm	126 x 12,5 m pc.	126 x 12,5 m pc.	On request
15 mm	3 mm	1 x 10 m pc.	7 x 10 m pc.	ODB-15/3
15 mm	3–6 mm	1 x 8 m pc.	7 x 8 m pc.	ODB-15/4
15 mm	5–9 mm	1 x 5,6 m pc.	7 x 5,6 m pc.	ODB-15/6
20 mm	2 mm	100 x 12,5 m pc.	100 x 12,5 m pc.	On request
20 mm	3 mm	1 x 10 m pc.	5 x 10 m pc.	ODB-20/3
20 mm	3–6 mm	1 x 8 m pc.	5 x 8 m pc.	ODB-20/4
20 mm	5–9 mm	1 x 5,6 m pc.	5 x 5,6 m pc.	ODB-20/6
20 mm	7–12 mm	1 x 4,3 m pc.	5 x 4,3 m pc.	ODB-20/8
25 mm	9–16 mm	80 x 3,3 m pc.	80 x 3,3 m pc.	On request
30 mm	9–16 mm	66 x 3,3 m pc.	66 x 3,3 m pc.	On request
30 mm	10–18 mm	330 x 6,5 m pc.	330 x 6,5 m pc.	On request

On request only deliverable in packaging units (PU), delivery time of 2-3 weeks

FIXBA

OTTOTAPE Fixing tape

The double-sided adhesive fixing tape

Double sided pure acrylate PE foam strip

Characteristics

- › Double sided pure acrylate PE foam strip
- › Excellent weathering, ageing and UV-resistance
- › Extreme plasticizer resistance. The polyethylene foam stays permanently flexible
- › Very good adhesion on flat surfaces
- › A high level of initial tack provides an adequate level of application safety directly after application
- › Does not damage the mirror coating
- › Vibration dampening and stabilizing with different expansivities of join partners

Fields of application

- › Initial fixing during bonding of leaf covering door panels with OTTOCOLL® M 580 or OTTOCOLL® S 81
- › Supporting fixing during adhering of mirrors
- › Installation of PVC sash bars

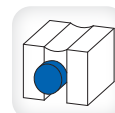
Dimensions	Order unit (OU)	Packaging unit (PU)	Order code
10 x 1 mm	1 roll, each 25 m	10 rolls, each 25 m	FIXBA

PE

★★★★★
PREMIUM

OTTOCORD PE-B2

The closed-cell PE back-up foam rod

*Extruded polyethylene backfilling material**For indoor and outdoor application*

Characteristics

- › Extruded backfilling material made of polyethylene (PE)
- › For application in interior and exterior areas
- › Closed-cell according to DIN 18540
- › Water-repellent
- › Normally flammable

Fields of application

- › Backfilling of joints in interior and exterior areas
- › For building construction joints according to DIN 18540

Standards and tests

- › Tested fire behaviour: normal inflammable building material (class E according to DIN EN 13501-1)

Diameter	Order unit (OU)	Packaging	Order code
6 mm	5 m pc.	PE bag with Euro perforation	PE-6-5
6 mm	100 m pc.	Single box	PE-6-100
8 mm	5 m pc.	PE bag with Euro perforation	PE-8-5
8 mm	100 m pc.	Single box	PE-8-100
10 mm	5 m pc.	PE bag with Euro perforation	PE-10-5
10 mm	100 m pc.	Single box	PE-10-100
13 mm	5 m pc.	PE bag with Euro perforation	PE-13-5
13 mm	100 m pc.	Single box	PE-13-100
15 mm	5 m pc.	PE bag with Euro perforation	PE-15-5
15 mm	100 m pc.	Single box	PE-15-100
20 mm	50 m pc.	Single box	PE-20-50
25 mm	50 m pc.	Single box	PE-25-50
30 mm	25 m pc.	Single box	PE-30-25
40 mm	135 x 1 m pc.	Single box	PE-40-135
50 mm	90 x 1 m pc.	Single box	PE-50-90

PUR-H

OTTOCORD PUR-H-B3

The open-cell PUR back-up foam rod soft

Extruded polyethylene backfilling material

For indoor application



Characteristics

- › Backfilling material made of polyurethane
- › For interior use without wet load
- › According to the building material class B3

Fields of application

- › Backfilling of joints in interior areas

Diameter	Order unit (OU)	Packaging unit (PU)	Order code
10mm	100 x 1 m pc.	1500 x 1 m pc.	PUR-H-10
15mm	100 x 1 m pc.	1000 x 1 m pc.	PUR-H-15
20mm	100 x 1 m pc.	500 x 1 m pc.	PUR-H-20
25mm	100 x 1 m pc.	300 x 1 m pc.	PUR-H-25
30mm	100 x 1 m pc.	200 x 1 m pc.	PUR-H-30
35mm	180 x 1 m pc.	180 x 1 m pc.	On request
40mm	100 x 1 m pc.	100 x 1 m pc.	PUR-H-40
50mm	100 x 1 m pc.	100 x 1 m pc.	PUR-H-50
60mm	50 x 1 m pc.	50 x 1 m pc.	On request
80mm	25 x 1 m pc.	25 x 1 m pc.	On request

On request: Delivery time of 2-3 weeks



Additional useful information

When wet, we recommend the closed-cell OTTOCORD PE-B2 on page 162.

PUR-HS

OTTOCORD PUR-HS-B3

The open-cell PUR back-up foam rod firm

Extruded polyethylene backfilling material

For indoor application



Characteristics

- › Backfilling material made of polyurethane
- › For interior use without wet load
- › Firm and rigid quality
- › According to the building material class B3

Fields of application

- › Backfilling of joints in interior areas

Diameter	Order unit (OU)	Packaging unit (PU)	Order code
10mm	100 x 1 m pc.	1500 x 1 m pc.	PUR-HS-10
15mm	100 x 1 m pc.	1000 x 1 m pc.	PUR-HS-15
20mm	100 x 1 m pc.	500 x 1 m pc.	PUR-HS-20
25mm	100 x 1 m pc.	300 x 1 m pc.	PUR-HS-25
30mm	100 x 1 m pc.	200 x 1 m pc.	PUR-HS-30
35mm	180 x 1 m pc.	180 x 1 m pc.	On request
40mm	100 x 1 m pc.	100 x 1 m pc.	PUR-HS-40
50mm	100 x 1 m pc.	100 x 1 m pc.	On request
60mm	50 x 1 m pc.	50 x 1 m pc.	On request

On request: Delivery time of 2-3 weeks



Additional useful information

When wet, we recommend the closed-cell OTTOCORD PE-B2 on page 162.

Fields of application

Tiles

Ceramics

Bathrooms



Fields of application	Sealing	Bonding
All-glas shower	S70	S70
Bonding building components and insulating materials (e. g. made of Styrodur®)		P85 P340
Bonding mirrors		M500 M550 M560 M580 S16 S610 FIXBA
Bonding of wall cladding panels in interior areas, e. g. in sanitary, kitchen and catering areas and in cold storage cells		M595 S495
Entire substrate sealing beneath ceramic tiles in bathrooms and damp rooms	OFS	
Glueing individual tiles in place for repair purposes		A265 M500 M501 M530 M550 M560 M580 P85
Joint filling materials between ceramic slabs and natural stone used outside	S70 S80	
Mirror edge sealing	S70 S80 S120 S125 S140	
Priming to improve adhesion on waterproof and smooth surfaces (e. g. glazed tiles)	OFHG	
Sealing joints applications in the food and drinking water sector (e. g. in dairies, abattoirs)	M390 S27 S34 S110 S125	
Sealing joints in continuously wet areas, e. g. in public bathroom facilities	S18 S140	
Sealing movement joints in bathroom areas (e. g. on bath tubs and shower trays, wash basins) to ceramic tiles and ceramic slabs	S100 S105 S110 S115 S125	
Sealing movement joints in bathroom areas (e. g. on bath tubs and shower trays, wash basins) to tiles and slabs made of marble and natural stone	S70 S80 S117 S140	
Sealing movement joints in walls and ceilings	A205	
Sealing movement joints on Terracotta slabs	S70 S80 S100 S110 S120 S125	
Sealing swimming pool and underwater joints	S18 S70 S140	

OTTOSEAL® sealants

Bathroom and swimming pool sealants	10
Natural stone sealants	17
Expansion and connection joint sealants	22
Floor sealants	34
Fire protection and high temperature sealants	42
Special sealants	46
Glass, window and façade sealants	51

OTTOCOLL® adhesives

Hybrid adhesives	62
PU adhesives	69
Acrylic adhesives	73
Silicone adhesives	76
Glass, window and façade adhesives	80

Other products

OTTOFLEX® system compound sealing	86
OTTOPUR PU foams	102
Smoothing agents	108
Accessory products	112
Primers/Cleaners	116
Guns	125
Processing tools/Accessories	138
Tapes/Back-up foam rods	154

Fields of application

Marble

Natural Stone

Fields of application

Sealing

Bonding

Bonding kitchen worktops on metal and insulating materials		M500 M501 M550 M560 P85
Bonding stairs made of marble and natural stone on substructures (e.g. made of concrete, metal etc.)		S70 S80 M500 M501 M550 M560 P85 P340 P520
Full surface sealing under marble and natural stone	OFS	
General bonding applications on marble and natural stone		S70 S80 M500 M501 M550 M560 P85 P340 P520
Hydrophobizing of marble and natural stone façades	SXN	
Joint filling material between ceramic tiles and natural stone outdoors	S70 S80	
Mirror edge sealing on marble and natural stone	S70 S80 S140	
Priming to improve adhesion on waterproof and smooth surfaces (e.g. glazed tiles)	OFHG	
Sealing artificial stone or concrete products	S70 S80 S117 S140	
Sealing joints in marble and natural stone in swimming pool and underwater areas	S70 S140	
Sealing kitchen worktops made of marble and natural stone	S70 S80 S117 S140	
Sealing movement joints to tiles and slabs made of marble and natural stone	S70 S80 S117 S140	
Seal movement joints in façades made of marble and natural stone	S70 S80 S117 S140	
Seal movement joints in floors made of marble and natural stone	S70 S80 S140	

OTTOSEAL® sealants

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Tapes/Back-up foam rods	154

Fields of application

Windows

Doors



Fields of application

Sealing

Bonding

Bonded-window constructions		Contact our Technical Dep.
Bonding corner joints in windows, metal doors and façades as well as conservatories		P 86 P 520
Bonding decorative strips on door parts		A 265 M 501 M 530 M 550 M 560 M 580
Bonding EPDM profiles		S 54 SPRÜHPR
Connection joints according between window/door and walling systems	A 710 M 360 M 361 P 720 S 730 BAB-V BAB-VD BKAMF1 FBA	
Fire protective glazing according to DIN 4102-B1	S 94	
Foaming roller blind housings		OP 910 OP 915 OP 920 OP 930 OP 950 OP 960
Frame bonding in the manufacture of wooden windows and doors		P 84 P 85 P 410
Manufacturing of sandwich/composite boards (e. g. partition walls, front doors, facing tiles etc.)		M 580 M 595 P 84 P 410
Mounting door and window frames	M 360 M 361	OP 910 OP 915 OP 920 OP 930 OP 950 OP 960 SPRÜHPR
Sealing joints	A 205 A 210 M 350 M 360 M 361 P 300 P 305 S 70 S 80 S 110 S 115 S 117 S 120 S 125 BAB-V BAB-VD BKAMF1 FBA ODB OFB	
Sealing mitre cuts and profile joints on metal windows, metal doors and façades	A 225	
Window frames and window bars – sealing	S 112	
Window pane sealing on wooden windows	S 110 S 120	
Wing overlapping bonds		M 580 FIXBA
Wood-glass-composite units	S 7 S 10 S 94	Contact our Technical Dep.

OTTOSEAL® sealants

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OTTOCOLL® adhesives

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Other products

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OTTOPUR PU foams	102
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Accessory products	112
Primers/Cleaners	116
Guns	125
Processing tools/Accessories	138
Tapes/Back-up foam rods	154








Fields of application

Window and door
mounting








Fields of application	Sealing	Bonding
Assembly of window sills with multifunctional sealing tape FBA	FBA	
Foaming roller shutter housings		OP910 OP915 OP920 OP930 OP950 OP960
Joints between window and walling system inside use with extrudable sealants	A710 M360 M361	
Joints between window and walling system inside use with window tape Vario and Vario Duo	M360 M361 BAB-V BAB-VD	M360 SPRÜHPR
Joints between window and walling system outside use with extrudable sealants	M360 M361 P720 S730	
Joints between window and walling system outside use with window tape Vario and Vario Duo	BAB-V BAB-VD	M360 SPRÜHPR
Mounting door and window frames		OP910 OP915 OP920 OP930 OP950 OP960
Pre-filling of joints between window and walling system inside and outside	PE	
Structural connection with multifunctional sealing tape BKAMF1 for windows and door mounting	BKAMF1	









OTTOSEAL® sealants

	Bathroom and swimming pool sealants	10
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	Special sealants	46
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OTTOCOLL® adhesives

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	Acrylic adhesives	73
	Silicone adhesives	76
	Glass, window and façade adhesives	80

Other products

	OTTOFLEX® system compound sealing	86
	OTTOPUR PU foams	102
	Smoothing agents	108
	Accessory products	112
	Primers/Cleaners	116
	Guns	125
	Processing tools/Accessories	138
	Tapes/Back-up foam rods	154

Fields of application








Glass

Mirrors








Fields of application	Sealing	Bonding
Bonding mirrors		M500 M550 M560 M580 S16 S610 FIXBA
Bonding of glass bricks		S28
Crystal clear (highly-transparent) silicone		S50
Crystal clear bonding of glass display cabinets and shop windows	S50	
Fire protective glazing according to DIN 4102-B	S94	
Mirror edge sealing	S70 S80 S120 S125 S140	
Sealing and bonding aquaria	S28	S28
Sealing figured glass	M350 S100 S105 S110 S120	
Sealing joints on and in acrylic glass and polycarbonate for construction work with plastics, greenhouses, conservatories	S72	
Sealing laminated safety glass	S7 S10 S110 S120 For resins please contact our technical service department	
Secondary edge sealing for insulating glass	S9	S9
Weather resistant sealing on metal constructions, e.g. on angled glazing, roof glazing, conservatories and structural glazing elements	S7 S10	
Window frames and window bars – sealing	S112	
Window pane sealing on wooden windows	S110 S120	
Wood-glass-composite units	S7 S10 S94	Contact our Technical Dep.









OTTOSEAL® sealants

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	Floor sealants	34
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	Glass, window and façade sealants	51

OTTOCOLL® adhesives

	Hybrid adhesives	62
	PU adhesives	69
	Acrylic adhesives	73
	Silicone adhesives	76
	Glass, window and façade adhesives	80

Other products

	OTTOFLEX® system compound sealing	86
	OTTOPUR PU foams	102
	Smoothing agents	108
	Accessory products	112
	Primers/Cleaners	116
	Guns	125
	Processing tools/Accessories	138
	Tapes/Back-up foam rods	154

Fields of application

Wood



Fields of application

Sealing

Bonding

Bonding decorative strips to door parts		A 265 M 560
Bonding dovetail joints (e.g. on garden furniture, non-supporting timber elements)		P 84 P 410
Bonding skirting boards and edgings		A 265 M 530 M 550 M 560 P 85 P 340
Bonding stairs		M 500 M 501 M 530 M 550 M 560 P 85
Frame bonding for the manufacture of wooden windows and doors		P 84 P 85 P 410
Jointing laminate, cork and OSB floors	A 221 M 390 S 125	
Jointing parquet and timber floors	A 221 M 390 S 125	
Manufacturing sandwich/composite boards (e.g. partition walls, front doors, facing tiles etc.)		M 595 P 84 P 410
Mounting door and window frames	BKAMF1 FBA	M 360 M 361 OP 910 OP 915 OP 920 OP 930 OP 950 OP 960
Plywood fabrication for non-supporting constructions		P 84 P 410
Sealing joints of wooden windows and doors	A 205 A 210 A 710 M 350 M 360 M 361 P 300 P 305 P 720 S 70 S 80 S 110 S 115 S 117 S 120 S 125 S 730 BAB-V BAB-VD BKAMF1 FBA OFB	SPRÜHPR
Weather resistant (DIN EN 204 D4) and temperature resistant (DIN EN 14257) (WATT 91) bonding		P 84 P 85
Window frames and window bars – sealing	S 112	
Window pane sealing on wooden windows	S 110 S 120	
Wood-glass-composite units	S 7 S 10 S 94	Contact our Technical Dep.

OTTOSEAL® sealants

Bathroom and swimming pool sealants	10
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OTTOCOLL® adhesives

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PU adhesives	69
Acrylic adhesives	73
Silicone adhesives	76
Glass, window and façade adhesives	80

Other products

OTTOFLEX® system compound sealing	86
OTTOPUR PU foams	102
Smoothing agents	108
Accessory products	112
Primers/Cleaners	116
Guns	125
Processing tools/Accessories	138
Tapes/Back-up foam rods	154

Fields of application

Dry wall construction

Acoustics



Fields of application

Sealing

Bonding

Bonding ceiling profiles and decorative boards		A 265
Bonding fibreboards and gypsum plasterboards on substructures		A 265 M 530 M 550 M 560 P 85 P 340
Bonding of vapour retarders and vapour barriers		A 270 D-25-I E-40-I
Bonding screed elements		P 410
Fire-protective sealing work according to DIN 4102-B1	S 94 OFB	S 495
Foaming and filling of cavities, wall fractures etc.		OP 910 OP 915 OP 920 OP 930 OP 950 OP 960
Gluing dry-wall construction frames		M 560
Sealing and repairing wall cracks	A 205 A 215 M 360 M 361	
Sealing joints	A 205 A 210 A 710 M 360 M 361 P 720 S 730 BAB-V BAB-VD BKAMF1 FBA	M 360 SPRÜHPR
Waterproof coating beneath tiles and slabs in bathroom areas	OFS	

OTTOSEAL® sealants

Bathroom and swimming pool sealants	10
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OTTOCOLL® adhesives

Hybrid adhesives	62
PU adhesives	69
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Silicone adhesives	76
Glass, window and façade adhesives	80

Other products

OTTOFLEX® system compound sealing	86
OTTOPUR PU foams	102
Smoothing agents	108
Accessory products	112
Primers/Cleaners	116
Guns	125
Processing tools/Accessories	138
Tapes/Back-up foam rods	154

Fields of application

Building construction

Façades



Fields of application

Sealing

Bonding

Hydrophobic treatment of façades	SXN	
Joints between window/door and walling system	A 710 M 360 M 361 P 720 S 730	
Manufacturing of sandwich panels/composite boards (e.g. partition walls, front doors, facing tiles etc.)		M 595 P 84 P 410
Sealing building construction expansion joints according to DIN 18540-F	M 360 M 361 P 300 P 305 S 110 S 120	
Sealing expansion and joints	A 710 M 360 M 361 P 300 P 305 P 720 S 70 S 80 S 110 S 115 S 117 S 120 S 125 S 140 S 730 BAB-V BAB-VD BKAMF1 FBA	M 360 SPRÜHPR
Sealing joints using sealing tape to make it impermeable to driving rain	OFB	
Sealing joints window frame and wall by means of tapes	BAB-V BAB-VD BKAMF1 FBA	M 360 SPRÜHPR
Weather resistant sealing on metal constructions, e.g. on angled glazing, roof glazing, conservatories and structural glazing elements	S 7 S 10	
Wood-glass-composite units	S 7 S 10 S 94	Contact our Technical Dep.

OTTOSEAL® sealants

Bathroom and swimming pool sealants	10
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Special sealants	46
Glass, window and façade sealants	51

OTTOCOLL® adhesives

Hybrid adhesives	62
PU adhesives	69
Acrylic adhesives	73
Silicone adhesives	76
Glass, window and façade adhesives	80

Other products

OTTOFLEX® system compound sealing	86
OTTOPUR PU foams	102
Smoothing agents	108
Accessory products	112
Primers/Cleaners	116
Guns	125
Processing tools/Accessories	138
Tapes/Back-up foam rods	154

Fields of application

Metal



Fields of application

Sealing

Bonding

Bonding of corner joints in metal windows, doors and façades as well as conservatories

P 86 P 520

Bonding of wall cladding panels in interior areas, e.g. in sanitary, kitchen and catering areas and in cold storage cells

M 595 S 495

Fire protective sealings on metal constructions according to DIN 4102-B1

S 94

Sealing air conditioning equipment and ventilation systems

M 350 M 380 S 67 S 69 M 500
P 83

Sealing car-body joints

M 500 P 83

M 560 M 580

Sealing gutters

A 250 S 110 S 115 S 125

Sealing joints for the construction of vehicles and containers

M 500 P 83

M 560 M 580

Sealing joints on metal windows and doors

A 205 A 210 A 710 M 350 M 360
M 361 P 300 P 305 P 720 S 70
S 80 S 110 S 115 S 117 S 120
S 125 S 140 S 730 BAB-V
BAB-VD BKAMF1 FBA OFB

M 360 SPRÜHPR

Sealing joints with little expansion in the plumbing, tin-smith and tiler trade

A 250

M 500 M 560








Sealing mitre cuts and profile joints on metal windows, doors and façades

A 225






Weather resistant sealing on metal constructions, e.g. on angled glazing, roof glazing, conservatories and structural glazing elements

S 7 S 10









OTTOSEAL® sealants

	Bathroom and swimming pool sealants	10
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	Floor sealants	34
	Fire protection and high temperature sealants	42
	Special sealants	46
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OTTOCOLL® adhesives

	Hybrid adhesives	62
	PU adhesives	69
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	Silicone adhesives	76
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Other products

	OTTOFLEX® system compound sealing	86
	OTTOPUR PU foams	102
	Smoothing agents	108
	Accessory products	112
	Primers/Cleaners	116
	Guns	125
	Processing tools/Accessories	138
	Tapes/Back-up foam rods	154

Fields of application

Floor coverings

Industrial floors

Fields of application

Sealing

Bonding

Bonding skirting boards and edgings (e.g. made of wood and PVC)

A 265 M 500 M 501 M 530 M 550
M 560 P 85 P 340

Jointing laminate and cork floors

A 221 M 390

Jointing parquet and timber floors

A 221 M 390

Sealing design floor coverings made of linoleum

M 390 S 51 S 125

Sealing design floor coverings made of PVC

M 390 S 51 S 125

Sealing design floor coverings made of rubber

M 390 S 51 S 125

Sealing design floor coverings made of vinyl

M 390 S 51 S 125

Sealing floor joints in natural stone

S 70 S 80 S 140

Sealing heavy duty floor joints (industrial floors driven on)

M 390 S 34

Sealing joints for linoleum floors

M 390 S 51 S 125

Sealing joints on plastic floor coverings (e.g. PVC, rubber stud tile flooring)

M 390 S 51 S 125

Sealing joints with difficult detention underground (e.g. melted asphalt pavement)

S 54








Sealing movement joints in normally stressed ceramic tile and slab pavings

S 100 S 110 S 125






Sealing vinyl floor coverings

M 390 S 51 S 125









OTTOSEAL® sealants

	Bathroom and swimming pool sealants	10
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	Special sealants	46
	Glass, window and façade sealants	51

OTTOCOLL® adhesives

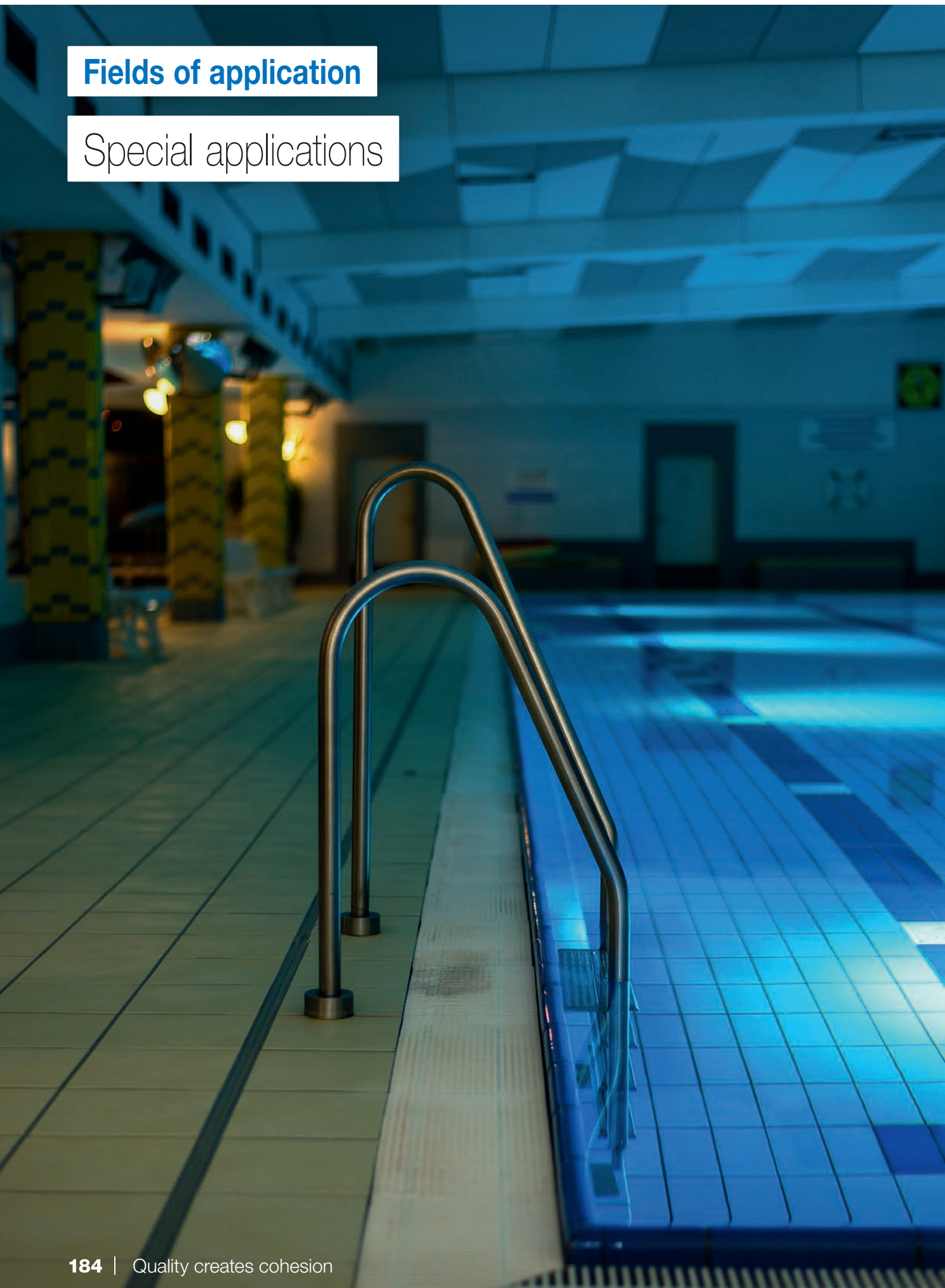
	Hybrid adhesives	62
	PU adhesives	69
	Acrylic adhesives	73
	Silicone adhesives	76
	Glass, window and façade adhesives	80

Other products

	OTTOFLEX® system compound sealing	86
	OTTOPUR PU foams	102
	Smoothing agents	108
	Accessory products	112
	Primers/Cleaners	116
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	Tapes/Back-up foam rods	154








Fields of application

Special applications








Fields of application	Sealing	Bonding
Bonding and sealing aquaria	S 28	S 28
Bonding of perimeter insulation panels		OP 910 OP 915 OP 920 OP 930
Bonding sandwich panels		M 595 P 410
Crystal clear (highly-transparent) silicone		S 50
Fire-protective sealing work according to DIN 4102-B1	S 51 S 54 S 94	S 495
High temperature-resistant seals (e. g. on heating boilers, chimney-flues etc.)	S 17 S 25	
Mounting door and window frames soundproof	M 360 M 361	OP 910 OP 915 OP 920 OP 930 OP 950
Mounting of well shaft rings		OP 910 OP 915 OP 920 OP 930
Sealing applications in the food and drinking water sector (e. g. in dairies, abattoirs)	M 390 S 27 S 34 S 70 S 80 S 110 S 125	
Sealing work in clean-rooms (e. g. operating theatres, microelectronics etc.)	M 380 S 51 S 67 S 69	
Swimming pool and underwater seals	S 18 S 70 S 140	
Window frames and window bars – sealing	S 112	









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Application list with product recommendation

Sealing

A

Acid resistant – sealing	S34
Acrylic (bath-) tubs – sealing	S70 - S80 - S100 - S105 - S110 - S115 - S125 - S140
Acrylic glass – sealing	S72
Air-conditioning systems – sealing	M350 - M380 - M500 - M580 - P83 - S67 - S69
Aluminium – sealing	M350 - M360 - M361 - P300 - P305 - S110 - S115 - S120 - S125
Angled/roof windows	S7 - S10 - S610
Anodized aluminium – sealing	M360 - M361 - S110 - S115 - S120 - S125
Aquaria – sealing	S28
Artificial concrete stone – sealing	S70 - S80
Artificial stone – sealing	S70 - S80 - S117 - S140

B

Bath tubs – sealing	S70 - S80 - S100 - S105 - S110 - S115 - S125 - S140
Bathroom joints – elastic sealing	S70 - S80 - S100 - S105 - S110 - S115 - S125 - S140
Bitumen rails – sealing	A250
Boiler – sealing	S17 - S25
Brass – sealing	P300 - P305 - M350 - M360 - M361 - S110 - S115 - S120 - S125
Building construction joints – sealing	M360 - M361 - P300 - P305

C

Car body joints – sealing	M500 - M501 - M550 - M580 - P83
Cast member parts of boilers – sealing	S17 - S25
Ceramique floors – sealing	S100 - S105 - S110 - S115 - S120 - S125 - S140
Chemical resistant sealant	S34
Chimney parts – sealing	S17 - S25
Chrome – sealing	M350 - M360 - M361 - M500 - P300 - P305 - S110 - S115 - S120 - S125
Clean rooms – sealing	M380 - S51 - S67 - S69
Climatisation systems – sealing	S72
Closure of cracks and holes in façades and interior walls, such as in scaffolding	M360 - M361
Compatible with paints according to DIN 52452 – Sealants	A205 - A210 - A215 - A225 - A270 - M350 - M360 - M361 - M500 - P83 - P300 - P305 - P720
Concrete joints – sealing	M360 - M361 - P300 - P305 - S110 - S115 - S120
Connection joints – sealing	A205 - A210 - A710 - M350 - M360 - M361 - P300 - P305 - P720 - S100 - S110 - S115 - S120 - S125 - S730 - BAB-V - BAB-VD - OFB
Copper sheets – sealing	M350 - M360 - M361 - P300 - P305 - S110 - S115 - S120 - S125
Cotto slabs – sealing	S70 - S80 - S100

D

Dairies – sealing	S27
Door rabbets – sealing	S70 - S80 - S110

Drinking water tanks – sealing	S27
Driving rain – resistant sealing	P720 - S730 - OFB

E

Enamelled glass – sealing	S70 - S80
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F

Facades – sealing	M360 - M361 - P300 - P305 - S7 - S10 - S70 - S80 - S110 - S120
Filling cracks in plaster	A215
Fire-proof sealants according to DIN 4102-B1	S51 - S54 - S94
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Floor joints – sealing	A221 - M390 - S34 - S51 - S70 - S80 - S125 - S140
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G

Glass bricks – sealing	S28 - S100
Glass facades – sealing	S7 - S10
Glass ornaments – sealing	S50 - S610
Grainy putty	A215
Granite – sealing	S70 - S80 - S117 - S140
Green house – sealing	S10
Green house – sealing	S7 - S10
Gypsum fibreboard – sealing	A205 - M500

H

Heating pipes – temperature resistant sealing	S17 - S25
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I

Industrial floors – sealing of	M390 - S34
Insulated glass – edge bonding	S9
Insulating glass – window pane sealing	S9

J

Jointing cork floors/plates	A221 - M390
Jointing laminate flooring	A221 - M390
Jointing parquet floors	A221 - M390
Jointing wood	A221 - M350 - M390 - S110 - S120
Jointing wooden board flooring	A221 - M390
Jointing wooden floor boards	A221 - M390

K

Kitchen worktops – sealing	S27 - S70 - S80 - S110 - S120
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L

Lacquered glass – sealing	S70 - S80
Linoleum – sealing	M390 - S51 - S125

M

Marble facades – sealing	S70 - S80 - S117
Marble joints – sealing	S70 - S80 - S117 - S140
Melted asphalt floor screed – sealing	S54 + PR1226
Metal joints – sealing	M350 - M360 - M361 - P300 - P305 - S110 - S115 - S120 - S125
Mirrors – sealing	S70 - S80 - S120 - S125
Moisture-prone rooms – full surface sealing	OFS

N

Natural stone facades – sealing	S70 - S80 - S117
Natural stone joints – sealing	S70 - S80 - S117 - S140
Non staining sealants	S70 - S80 - S117 - S140
Non-ferrous metals – sealing	M350 - M360 - M361 - P300 - P305 - S110 - S115 - S120 - S125

O

Operating theatres – sealing	S67 - S69
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P

Permanent wet condition – sealing	S18 - S70 - S140
Polyacrylate (acrylic glass) – sealing	S72
Polycarbonate sheets – sealing	S72
Polyester – sealing	S110 - S120 - S125 - S100 - S105
Prefabricated concrete – sealing	M360 - M361 - P300 - P305
Profile batches – sealing	A225
Profilit TM window pane sealing	M350 - S100 - S105 - S110 - S120
PVC floors – sealing	M390 - S51 - S125

R

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Ray protective glass – sealing	S10
Refrigeration rooms – sealing	S27
Roof glazings	S7 - S10 - S610
Roof gutter – sealing	A250 - S110
Roofing felt – sealing	A250
Roofs – sealing	A250
Rubber knob floors – sealing	M390 - S51 - S125

S

Sandstone – jointing	S70 - S80 - S117 - S140
Sanitary joints – sealing	S80 - S100 - S105 - S110 - S115 - S125 - S140
Seal patio slabs (ceramics + natural stone)	S70 - S80
Seal public sanitary facilities	S140
Sealing all-glass shower	S70
Sealing design floor coverings made of linoleum	M390 - S51 - S125
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Sealing design floor coverings made of rubber	M390 - S51 - S125
Sealing design floor coverings made of vinyl	M390 - S51 - S125
Sealing of clinker	M360 - S110 - S115 - S120 - S125
Sealing shop windows	S50
Sealing vinyl floor coverings	M390 - S51 - S125
Sheet metal – sealing	P300 - P305 - M350 - M360 - M361 - S110 - S115 - S120 - S125
Shower – sealing	S70 - S80 - S100 - S105 - S110 - S115 - S125 - S140
Slaughterhouses – sealing	S27
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Stoves – temperature resistant sealing	S17 - S25
Streak-free sealants according to ift directive VE-04/2	S110 - S120
Stream-jet cleaning – resistant sealing	M390 - S34

Structural connection according to the window and door mounting regulations	A710 - P720 - S730 - BAB-V - BAB-VD - BKAMF1 - FBA
Structural glazing units – sealing	S7 - S10
Swimming pools – sealing	S18 - S70 - S140
Synthetic flooring – sealing	M390 - S51 - S125
Synthetic materials – sealing	S72

T

Temperature resistant sealing	S17 - S25
Terracotta slabs – sealing	S70 - S80 - S100 - S110 - S120 - S125
Tighter inside than outside	A710 - P720 - S730 - BAB-V - BAB-VD - BKAMF1 - FBA
Tile stove – jointing	A215
Tiles – sealing	S100 - S105 - S110 - S115 - S120 - S125 - S140
Tiles – sealing	S100 - S105 - S110 - S115 - S120 - S125 - S140
Timber-glass-composite elements – sealing	S7 - S10
Tinplate – sealing	M360 - M361 - S110 - S115 - S120 - S125
Twin-wall sheets – sealing	S72

U

Underwater – sealing	S18 - S70 - S140
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V

Vehicle construction/manufacturing	M500 - M501 - M550 - M560 - M580 - P83
Ventilation systems – sealing	M350 - M380 - P83 - S67 - S69
Ventilation systems – sealing	M350 - M380 - M500 - M580 - P83 - S67 - S69

W

Wall cracks – bridging and sealing	A215
Water resistant – sealing	M500 - S18 - S28 - S140 - S610
Water tanks – sealing	S27
Weathersealing	S7 - S10
Window bar filler	S112
Window connection joints	A205 - A710 - P305 - P720 - S110 - S115 - S120 - S125 - S730
Window frames – sealing	S112
Window rabbets – sealing	M350 - S110 - S120
Wooden windows – window pane sealing	M350 - S110 - S120
Worktops – sealing	S27 - S70 - S80 - S110 - S120

Z

Zinc sheets – sealing	M360 - M361 - S110 - S115 - S120 - S125
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Bonding**A**

Aluminium – bonding	M500 - M501 - M530 - M560 - M580 - M595 - P83 - P85 - P340 - P410 - P520 - S10 - S610
Anodized aluminium – bonding	M500 - M501 - M530 - M550 - M560 - M580 - M595 - S610

APTK profiles – bonding	S54
Aquaria – bonding	S28

B

Batten – bonding	A265 - M500 - M501 - M530 - M550 - M560 - M595 - P85 - P410 - S610
Bonding of clinker	M500 - M501 - M530 - M550 - M560 - M595
Bonding perimeter insulation panels	OP910 - OP915 - OP920 - OP930

C

Cable ducts – bonding	A265 - M500 - M550 - M560 - P85 - P340
Caravan construction	M350 - M500 - M530 - M550 - M560 - M580 - M595 - P83 - P410 - S110 - S610
Caravans and campers – construction	M350 - M500 - M550 - M560 - M580 - M595 - P83 - P410 - S110 - S610
Ceiling profiles – bonding	M500 - M501 - M530 - M550 - M560 - P83
Chipboards – bonding	P85 - P410
Composite panels – bonding	M500 - M595 - P84 - P410
Container construction	M500 - M501 - M530 - M560 - P410
Copper – bonding	M500 - M501 - M530 - M550 - M560 - M580 - M595 - P85 - P340 - S610
Cork – bonding	M500 - M501 - M530 - M550 - M560 - M595 - P85 - P340 - P520
Corner bracket – bonding	P86 - P520
Corner connections – bonding	P86 - P520

D

Decorative boards – bonding	A265 - P85
Door parts – bonding	M500 - M580 - P410 - P520

E

Enamelled glass – bonding	M500 - S16
End strips – bonding	A265 - M500 - M530 - M560 - M595 - P85 - P340
EPDM profiles – bonding	S54 - SPRÜHPR

F

Fixing adhesives	A265 - M550 - M560
Foil sheets' adhesive	A270
Full surface adhesives	M595 - P410

G

Galvanised steel – bonding	M500 - M501 - M530 - M550 - M560 - M595 - P85 - P340
Garden furniture – bonding	P84
Glass – bonding	S10 - S50 - S610
Glass bricks – bonding	S28
Glass fibre reinforced plastics	A265 - M500 - M530 - M550 - M560 - M580 - M595 - P85 - P340
GRP – bonding	P340
Glass ornaments – bonding	S610
Gluing all-glass shower	S70
Gluing dry-wall construction frames	M560
Granite – bonding	M500 - M501 - M530 - M550 - M560 - P85 - P340 - P520 - S70

Grilles – bonding	S50
Gypsum fibreboard – bonding	A265 - M500 - M550 - P85 - P340

I

Insulating boards – bonding	A265 - M500 - M501 - M530 - M550 - M560 - P85 - P340
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L

Lacquered glass – bonding	M500 - S16
Laths – bonding	A265 - M500 - M501 - M530 - M550 - M560 - M595 - P85 - S610

M

Marble – bonding	M500 - M501 - M530 - M550 - M560 - P85 - P340 - P520
Metal doors – bonding of corner connections	P86 - P520
Metal profiles – bonding	P86 - P520
Metal windows – bonding of corner connections	P86 - P520
Mineral fibre insulating panels – bonding	P410
Mirrors – bonding	M500 - M550 - M560 - M580 - S16 - S610 - FIXBA
Modified wood – bonding	P86

N

Natural stone – bonding	M500 - M501 - M530 - M550 - M560 - P85 - P340 - P520 - S70 - S80
Natural stone stairs – bonding	M500 - M501 - M530 - M550 - M560 - P85 - P340 - S70

O

Ornamental strips – bonding	A265 - M500 - M501 - M530 - M550 - M560 - P85 - P340
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P

Panels – bonding	M500 - M501 - M550 - M560 - M595 - P85 - P340 - P410 - P520 - S495
Plasticized PVC	M500 - M560 - M580 - M595 - S110 + PR1217
Plywood – bonding	P85 - P410
Prefabricated houses – construction	P410
PU rigid foam – bonding	P85 - P410
PVC – bonding	A265 - M500 - M501 - M550 - M560 - M580 - M595 - P85 - P340 - S610
PVC unplasticized – bonding	M500 - M501 - M550 - M560 - M580 - P85 - P340 - P520 - S610

R

Rigid foam boards made of polystyrene – bonding	P85 - P340
Roof glazings	S7 - S10 - S610

S

Sandwich elements – bonding	M500 - M580 - M595 - P410 - P520
Separating walls – bonding	A265 - P85 - S610
Skirting boards – bonding	A265 - M500 - M501 - M530 - M550 - M560 - P85 - P340

Stainless steel – bonding	M500 - M501 - M530 - M550 - M560 - M580 - M595 - P85 - S10 - S610
Stairs – bonding	M500 - M501 - M530 - M550 - M560 - M595 - OP920 - P85 - P340 - S70 - S80
Stairs – renovation	P85 - P340
Stone – bonding	M500 - M501 - M530 - M550 - M560 - P85 - P340 - P520 - S70 - S80
Stucco – bonding	A265 - M500 - M550 - M560
Styrodur® – bonding	A265 - M560 - P85 - P340
Styropor® – bonding	A265 - M560 - P85 - P340
Synthetic materials – bonding	M500 - M501 - M550 - M560 - M580 - M595 - P85 - P340 - P520 - S610
T	
Temperature resistant bonding according to DIN EN 14257	P84 - P85 - P86 - P340 - P410 - P520
Tile to tile	OFHG
V	
Vapour barrier – bonding	A270 - D-25-I - E-40-I
W	
Wall panels – bonding	S495 - M595
Water resistant bonding	M500 - M560 - M580 - M595 - S610
Weather resistant bonding according to DIN EN 204 D4	P84 - P85 - P86 - P340 - P410 - P520
Window tapes – bonding	M360 - M361 - SPRÜHPR
Windows – mounting	M360 - M361 - OP910 - OP915 - OP920 - OP930 - OP950 - OP960
Wing overlapping bonds	M580 - S670 - FIXBA
Wood – bonding	M500 - M501 - M530 - M550 - M560 - M580 - M595 - P84 - P85 - P86 - P340 - P410 - S610
Wood – bonding	P84 - P86 - P410
Wooden doors – bonding	M500 - M501 - M550 - M560 - P84 - P85 - P340 - P410
Wooden profiles – bonding	A265 - M500 - M501 - M530 - M550 - M560 - P85 - P340 - S610
Wooden stairs – bonding	M500 - M560 - OP920 - P85 - P340

F

Facades – waterproofing/hydrophobic treatment SXN

J

Joining well shaft rings OP910 - OP915 - OP920 - OP930

P

Priming of smooth surfaces OFHG
PU foams – removal of rests OPCLEAN - TUCH

S

Silicone – removal of rests SIEN
Surface – hydrophobing SXN

U

Underground – reinforcing OFTG

W

Wall cracks – bridging and sealing A215

Other applications

A

Adhesive tapes D-25-I - E-40-I

C

Cavities – foaming OP910 - OP915 - OP920 - OP930 - OP950 - OP960

D

Degreasing paste – migratory staining STEX
Door frames – mounting OP910 - OP915 - OP920 - OP930 - OP950 - OP960

Quantity charts

General valid joint dimension

The rule of thumb for calculating the joint dimension is as follows:

Sealant depth (t) = 0.5 x joint width (b).

The thickness of the sealant (d) equals 2/3 of the joint width (b).

These minimum joint widths are also valid for joints in the interior with sealants $\geq 15\%$ movement capability.

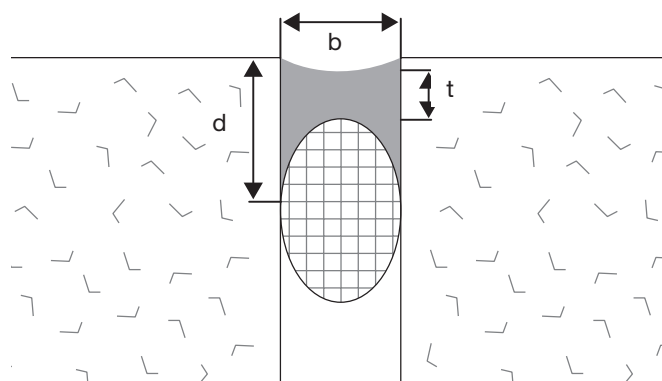
The ratio between the width of the sealant in the joint (b) and the depth of the sealant in the joint (t) has to be as follows:

Joint width b in a ratio of joint depth t

b in mm	10-15	15-20	20-25	25-30	30-35
t in mm	8±2	10±2	12±2	15±3	15±3

Source: Industrieverband Dichtstoffe e. V./HS PR.

Additional information to the IVD's instruction leaflets under www.ivd-ev.de.



Quantity charts

These values are approximate and serve as a rough guide for rightangled joints. The depth of the joints is measured to the rear of the profile. Depending on the processing technology, an additional requirement of 25 % should be expected.

Linear metres per 300/310 ml cartridge

Width of joint in mm ► Depth of joint in mm ▼	5	7	10	12	15	20	25
5	12	8	6				
7		6	4	3			
10			3	2,5	2,0	1,5	
12				2,1	1,7	1,2	1,0
15					1,3	1,0	0,8

Linear metres per 490 ml side-by-side cartridges

Width of joint in mm ► Depth of joint in mm ▼	5	7	10	12	15	20	25
5	19	14	9				
7		10	7	5			
10			5	4	3	2,4	
12				3	2,7	2	1,6
15					2,1	1,6	1,3

Linear metres per 400 ml aluminium foil bag

Width of joint in mm ► Depth of joint in mm ▼	5	7	10	12	15	20	25
5	15	10	8				
7		8	5	4			
10			4	3	2,6	2,0	
12				2,7	2,2	1,6	1,3
15					1,7	1,3	1,0

Linear metres per 580 ml aluminium foil bag

Width of joint in mm ► Depth of joint in mm ▼	5	7	10	12	15	20	25
5	23	15	11				
7		11	7	6			
10			6	5	4	3	
12				4	3	2,4	2
15					2,5	1,9	1,4



The perfect advice

Do you have any questions about choosing the right OTTO sealant and adhesive for your application or about professional processing? The experts from our application consulting service will be happy to help you:

☎ +49 8684 908-5300 | @ sales.international@otto-chemie.com

Monday to Thursday: from 7:00 am – 4:00 pm | Friday: from 7:00 am – 1:00 pm

Primer consumption table

Primer consumption depends on the absorbency of the material of the adhesive edge and on the application method and can therefore only be stated approximately.

Linear metres per 100 ml primer

Adhesive edges in mm	5	10	15	20
OTTO Cleanprimer 1101	150-250	75-125	50-80	35-60
OTTO Primer 1102	20-40	10-20	7-13	5-10
OTTO Primer 1105	30-90	15-45	10-30	7-20
OTTO Primer 1215	30-90	15-45	10-30	7-20
OTTO Primer 1216	150-250	75-125	50-80	35-60
OTTO Primer 1217	150-250	75-125	50-80	35-60
OTTO Primer 1218	50-120	25-60	16-40	12-30
OTTO Primer 1225	50-100	25-50	16-40	12-25
OTTO Cleanprimer 1226	150-250	75-125	50-80	35-60
OTTO Primer 1227	60-100	30-50	20-30	15-25

Minimum width of joints for the mounting of windows and outside doors

valid for sealants with 25 % movement capability

Elementlength	up to 1,5 m	up to 2,5 m	up to 3,5 m	up to 4,5 m	up to 2,5 m	up to 3,5 m	up to 4,5 m
Type of window frame material	Minimum width of joints for a butted mounting b in mm				Minimum width of joints for a inner mounting b in mm		
Hard PVC (white)	10	15	20	25	10	10	15
Hard PVC and PMMA (dark) (colour extruded)	15	20	25	30	10	15	20
Hard PUR integral foam	10	10	15	20	10	10	15
Wood-aluminium-window	10	10	15	20	10	10	15
Aluminium-plastic sandwich frame (bright)	10	10	15	20	10	10	15
Aluminium-plastic sandwich frame (dark)	10	15	20	25	10	10	15
Wooden window frame	10	10	10	10	10	10	10

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Terms and Conditions of Business of Hermann Otto GmbH

I. General provisions

1. All offers, supplies and agreements are based exclusively on our Terms and Conditions of Business.
2. Unless otherwise agreed, the terms and conditions in the version valid at the time of the buyer's order shall also apply to similar future contracts.
3. We explicitly contradict the Terms and Conditions of Business and Purchase of the purchaser. We are not committed to them, even if we did not contradict them at the time the contract was concluded.
4. Our offers are subject to change. Contracts and agreements are not binding until they have been confirmed by us in writing, especially if they change the present Terms and Conditions. Agreements entered by our field service employees are only effective if they have been confirmed by us in writing.
5. The purchaser is not permitted to set off counterclaims unless the counterclaims are undisputed or have been legally finalised. The purchaser is not entitled to a right of retention. This does not apply to business transactions with consumers, insofar as the right of retention is based on the same contractual relationship. A right to refuse performance on the part of the purchaser is excluded for business transactions with companies.
6. When contract manufacturing is carried out, if our customer has stipulated the recipes and/or equipment, it must assume liability for not infringing any third party industrial property rights owing to the production and/or equipment. If necessary, it must release us from potential third party claims on our first request.

II. Dispatch

1. Unless otherwise agreed, dispatch takes place at the expense and risk of the purchaser. When the goods are transferred to the forwarder or carrier or at the latest when the goods have left the factory or warehouse, the risk transfers to the purchaser. If the goods are damaged during transportation or the goods listed in the bill of lading are not delivered in full, the recipient of the goods must have the deliverer (in the case of dispatch by a carrier – the lorry driver; if sent by rail (Deutsche Bahn) – the receiving goods station) note it immediately in detail on the bill of lading and confirm same by signing it. The bill of lading with the note on damage must be handed over to us to enable us to assert claims for compensation on behalf of the purchaser; we are not committed to bring legal action to assert the claims, however we do commit ourselves to seizing such measures that enable the purchaser to assert claims by way of legal action. Even if free delivery to the receiving station of the purchaser has been agreed, the purchaser bears the transportation risk. If transport damage does occur, we give compensation to the same extent as we ourselves receive compensation for the transport damage. Compensation is given at our discretion either in the form of a free replacement delivery or a credit note for the amount to be reimbursed.
2. When dispatching the goods we are entitled to choose the means of conveyance and the shipping route without assuming any liability. This disclaimer does not apply if the Managing Director or Managing Directors or one of our executives has/have at least acted with gross negligence in the course of business transactions with companies or if the senior management or any one of our employees have acted with gross negligence in business transactions with consumers. We are only obliged to provide transport insurance if it is explicitly demanded. The purchaser must bear the costs.

III. Delivery period

1. Delivery periods are non-binding, even if they are included in our dispatch notifications or date confirmations. A separate written agreement is required for a claim to compliance with the delivery period.
2. Irrespective of our rights, if the purchaser is in arrears, the agreed term is extended by the period by which the purchaser is in arrears with its obligations under the present or past contracts. This applies analogously if a delivery date has been agreed.
3. If we fall behind, the purchaser must set an appropriate period of grace. When said period of grace expires the purchaser may cancel the contract if the goods have not been reported to be ready for dispatch by that time.
4. Any claims for compensation for a failure to meet delivery periods or dates are limited to the value of the contract unless the delay has been caused by the Managing Director(s) or one of our employees owing to negligence.
5. Cases of force majeure entitle us to delay delivery for as long as it is obstructed, plus a reasonable time for recommencing, or to cancel the contract owing to the part of the contract which has not been fulfilled. Strikes, lockout, riots and other circumstances which make delivery difficult or impossible are equivalent to force majeure, irrespective of whether they occur to us or one of our sub-suppliers. The purchaser can demand a statement from us as to whether we want to cancel or deliver within a reasonable period. If we fail to make a statement, the purchaser is entitled to cancel the contract. Deliveries to the buyer are subject to national or international regulations of foreign trade law, embargos or other legal prohibitions.

IV. Terms of Payment

1. Our invoices are due for payment within 30 days of the invoice date without any discount.
2. If the target date is not met, we charge interest on arrears at a rate equivalent to the respective interest rate for short-term bank loans, but in the amount of 5 percent points p.a. above the respective base interest rate in the case of legal transactions in which no consumer is involved, at 8 percent points p.a. above the relevant base interest rate.
3. If, after conclusion of the contract, significant negative circumstances arise for us with regard to the creditworthiness of the buyer, we shall be entitled to demand reasonable security for his delivery. If the buyer does not comply with this request, we are entitled to withdraw from the contract. This right also applies for the buyer in the case of imminent danger without having previously sought the provision of adequate securities.
4. Payments shall only be deemed to have been affected when the amount is finally available on our account.

V. Retention of title to ownership

1. We reserve the right of ownership of the delivered goods (reserved goods) for both entrepreneurs and consumers until the respective purchase price claim has been settled.
2. The purchaser is entitled to process and sell the goods subject to retention of title to ownership by way of normal business transactions insofar as it is not in arrears with its payment. It is only entitled to resell or process the goods subject to retention of title to ownership providing that the accounts receivable from reselling or processing are transferred to us as stipulated in numbers 3 – 5. It is not authorised to dispose of the goods subject to retention of title to ownership in any other way.
3. The purchaser herewith assigns its accounts receivable from reselling and/or processing the goods subject to retention of title to us, irrespective of whether the goods subject to retention of title to ownership are sold to one or more purchasers or have been processed for one or more customers.
4. The purchaser is authorised to collect the accounts receivable from resale or processing assigned to us unless we revoke this authorisation, which we may do at any time. Insofar as our accounts receivable are due, the purchaser is under obligation to immediately pay the collected amounts to us. On no account is the purchaser authorised to assign the accounts receivable to any third party.
5. Unless we inform its customer ourselves, if we so request, the purchaser is under obligation to inform the customer immediately of the assignment of its accounts receivable to us and provide us with proof of such notification and send us the information and documents required for collecting the assigned accounts receivable together with this notification.
6. The purchaser is under obligation to inform us of garnishment or any other adverse action by a third party.
7. The authorisation of the purchaser to collect will be revoked if the terms of payment are not met or if the purchaser infringes contractual agreements, if the purchaser ceases to pay and if settlement or bankruptcy proceedings are opened.

VI. Instructions for use

1. In view of the fact that our products are used under very varied working conditions and for different applications, our instructions for use can only constitute general guidelines. If special requirements are made, which are beyond the scope of the applications and working conditions mentioned in the instructions for use, we are prepared to give more extensive advice for the purpose of support; however this does not constitute any kind of legal commitment on our part. Irrespective of this, owing to the many types of applications for our products and the varying conditions under which they are used, it is always necessary for the user to previously check all the product properties considered important for the respective purpose, and to verify them in practice. The information in the relevant up-to-date technical data sheet must be taken into account for this purpose.
2. Information on the amount to use given in our instructions for use represents average values taken from practical experience.

VII. Notification of defects, liability

1. All statements about suitability, processing and application of our products, technical advice and other information are given to the best of our knowledge; however, they do not release the purchaser from the obligation to carry out its own tests and experiments. If specific qualities or the assumption of any warranties have been agreed, they are only binding for us if they have been made explicitly in writing in the contract. The current technical datasheet – as can be accessed from our homepage on the Internet – is relevant for any claims for defects with regard to the quality and application of the product. It can also be made available in other ways at any time, if requested. If the seller deviates from instructions given there, we exclude any claim for defect or any other form of liability.
2. Commercial buyers must inspect the delivered goods immediately for any defects and, if a defect becomes apparent, notify us immediately in writing stating the batch number, the invoice number and the invoice date. If we do not receive notification, the goods are considered accepted. For purchasers who are not consumers this applies both to visible and invisible defects. If the purchaser is a consumer, he or she must lodge a complaint about obvious, visible defects within 14 days.
3. In the event that the goods that we deliver show any defects and the purchaser reports the defect in time within the deadlines stated in number 3, we will provide free replacement insofar as the defect existed at transfer of risk. If post-performance fails the purchaser has the right to choose between reduction of the payment and cancellation of the contract. Paragraph 5 below applies to any claims for damages or reimbursement of expenses.
4. In case of complaint the purchaser must grant us the opportunity to verify the complaint by sending material samples to us immediately if we so request. If the purchaser infringes this obligation, the purchaser is not entitled to claim for defects unless the infringement of this purchaser obligation neither hinders our verification of the cause of the damage nor makes it more difficult. We will assume the costs for sending us material samples and of sampling itself if the material delivered was defective. This does not prejudice cancellation or return rights which may ensue from consumer protection rights.
5. We assume liability towards the purchaser for compensation – irrespective of the legal reason be it under contract or owing to tort – only in cases of intent, gross negligence, owing to injury of life, the body or health or because an agreed quality is lacking or because of the infringement of important (cardinal) contractual duties or other mandatory statutory regulations. Compensation for the infringement of important contractual duties is restricted to foreseeable damage typical for the contract and, in this case, to a maximum of € 500,000. This applies unless our legal representative or our vicarious agents have acted with intent or gross negligence or if it is a case of injury of life, the body or health. A shift in the burden of proof to the disadvantage of the purchaser is not implied by the above provisions. The provisions above apply analogously to compensation for futile efforts.

VIII. Liability for compensation for damage due to culpability; reimbursement of expenses

1. We shall not be liable for damage caused by unsuitable, inappropriate or not intended use of the goods.
2. Insofar as liability presupposes culpability, our liability for compensation, irrespective of the legal grounds – be it based on a contract or a tort – is restricted in compliance with the following provisions. A shift in the burden of proof to the disadvantage of the purchaser is not implied.
3. We do not assume liability for ordinary negligence, insofar as it does not constitute a breach of important contractual duties. Important contractual duties are, in particular, the obligation to deliver the object of delivery punctually and without any major deficits, and the protection obligations for the benefit of the purchaser, in particular for health and life.
4. Insofar as the grounds make us liable for compensation for damages, this liability is restricted to damage which we predicted to be a potential consequence of a breach of contract at the time the contract was concluded, or which we should have foreseen, had we applied due diligence. Our duty to compensate for material damage and further financial losses resulting from it is limited to a sum of maximally € 500,000 per claim. In the course of business with entrepreneurs liability for damages caused by delay is limited to the value of the order.
5. The above exemptions from and limitations of liability also apply to the compensation for wasted expenditure on the part of the purchaser.
6. The above exemptions from and limitations of liability apply to the same extent to our organs, legal representatives, employees and other vicarious agents.
7. Insofar as we give technical information or advice, and this information or advice is not part of the performance or services we owe under the terms of contract, we do so free of charge and to the exclusion of any liability.
8. The above limitations do not apply to liability for intentional acts, to guaranteed quality features, to injury to life, body or health or under the terms of the Product Liability Act.

IX. Place of performance and legal venue

The place of performance for both parties to the contract is D-83413 Fridolfing if the purchaser is an entrepreneur. For all disputes arising from the business relations – including bill of exchange and cheque issues – in the case of business transactions with traders the legal venue is D-83278 Traunstein.

X. Information in accordance with § 36 of the German Law on Alternative Dispute Resolution for Consumer Disputes

We are neither willing nor obliged to participate in dispute resolution processes in accordance with the Law on Alternative Resolution for Consumer Disputes.

XI. Final clauses

1. German law alone shall apply to the business relationship with our customers; foreign law is excluded under all circumstances. The UN Convention on Contracts for the International Sale of Goods (CISG) is not however applicable.
2. If our customers export our merchandise to territories outside the Federal Republic of Germany, we assume no liability if third-party industrial property rights are infringed. The purchaser is obliged to pay damages caused by us exporting the merchandise if we did not supply it explicitly for export purposes.

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