

OTTO Product Overview

OTTOFLEX® System compound sealing

The perfect composite sealing



Quality creates cohesion

SEALING & BONDING

OTTOFLEX® - The reliable sealing of professionals

All OTTOFLEX® Systems are securely bonded, DIN-compliant and quality “made in Germany” products.



The OTTOFLEX®
Protective coating

✓ Easy to apply



The OTTOFLEX® Sealing strip

✓ Fast further processing



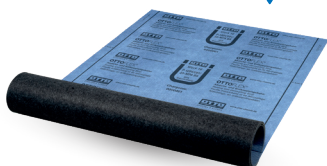
The OTTOFLEX®
Slurry seal coating

✓ Universally usable



The OTTOFLEX® Sealing and
decoupling strip

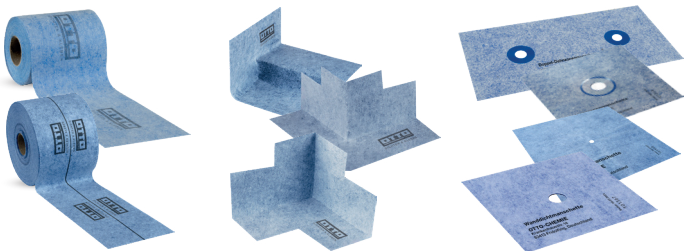
✓ Optimal for critical substrates



OTTOFLEX® – Accessories

Perfectly matched – The right products for any of your applications.

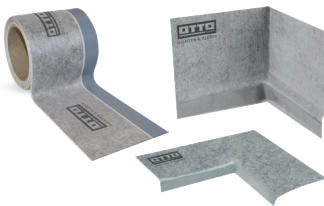
Sealing tapes, preformed corners and sleeves



Primers for all substrates



Sealing on the bath edge



Sound insulation and protection tape



Adhesives tested in the system



Tile adhesives tested in the system



Premium sealants



A reliable system with OTTO

The OTTOFLEX® System offer four different sealing options – reliable and tested in a system. All materials and system components used (sealing tapes, sleeves, etc.) are either certified as suitable by an abP (general test certificate issued by the building authority) or an ETAG (European Technical Approval Guidelines).

Please note that the issued test certificates only apply if the OTTOFLEX® System is applied in a combination.

C2 adhesive

OTTOFLEX® Protective coating

Ardex N 23 Microtec Naturstein	✓
Ardex X 7 G plus	✓
Ardex X 78	✓
Botament Multistone	✓
Botament M 21 Classic	✓
Codex Power CX 1	✓
Codex Stone SX 80	✓
Kiesel Servo Star 2000 Plus Flex	✗
Mapei Keraquick S1	✓
Mapei Mapestone 1	✓
Mapei Ultralite S1	✓
PCI Carraflex Naturstein	✓
PCI FT Extra	✓
PCI FT Flex	✓
PCI Flexmörtel	✓
PCI Flexmörtel S1	✓
Sakret Flexfliesenkleber schnell FFKs	✓
Sakret Flexfliesenkleber FFK	✓
Schomburg Monoflex	✓
Schomburg Soloflex	✓
Schönox Q6	✓
Sopro FKM Silver	✓
Sopro FKM XL	✓
Sopro Fliesenkleber No. 1	✓
weber.xerm 852	✓
weber.xerm 861	✓

Flexibility & security combined – with OTTO

Decide for yourself which tile adhesive you want to use. Numerous tile adhesives were tested in the system for sealing in combination with OTTOFLEX® Protective coating, sealing strip or sealing and decoupling strip, all to suit your application – ceramic tiles, large format or natural stone? You can choose yourself the tile adhesive you prefer to work with most with our OTTOFLEX® Compound sealing – all components are tested in a system.

OTTOFLEX® Sealing strip	OTTOFLEX® Sealing and decoupling strip	OTTOFLEX® Slurry seal coating
✓	✓	×
✓	×	×
✓	✓	×
✓	×	×
✓	×	×
✓	×	×
✓	×	×
✓	✓	×
✓	×	×
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✓	×	×
✓	×	✓
✓	×	×
✓	×	×
✓	×	×
✓	✓	×
✓	×	×
✓	✓	×
✓	×	×
✓	×	×
✓	×	×

Perfectly processed

OTTOFLEX®

Protective coating



The ready-to-use composite sealing

**Synthetic resin dispersion based
on styrene butadiene**

indoor

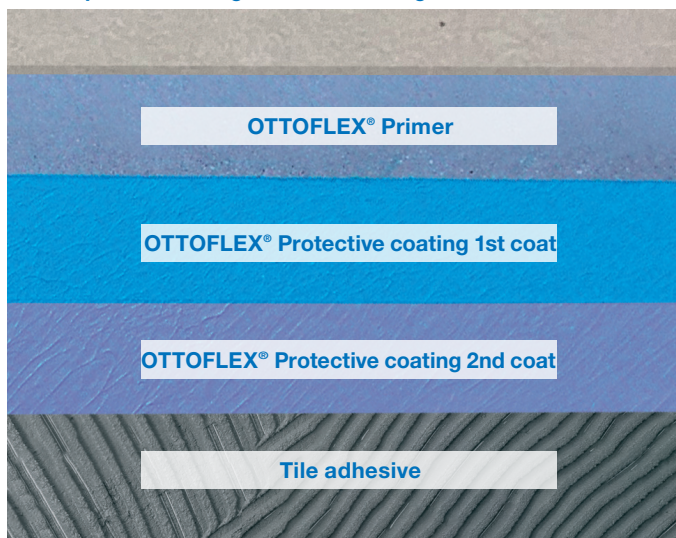
- ✓ **Easy to apply**
- ✓ High crack bridging properties
- ✓ Very short drying time
- ✓ Silicone-compatible and solvent-free



Applications

- ✓ Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone

The steps to achieving a reliable sealing



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



Note

In addition to the abP, DIN 18534-1 also requires at least two covering layers in different colours for liquid sealant used together with tiles or slabs (AIV-F). OTTO provides the right colour paste for this purpose.

Perfectly processed

OTTOFLEX® Sealing strip



The time-saving
composite sealing

Polyethylene sealing strip with double non-woven fabric

indoor and outdoor

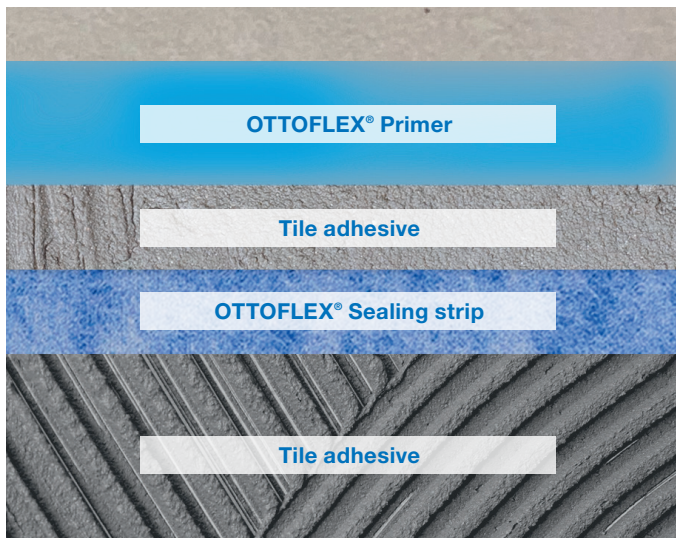
- ✓ **Fast further processing**
- ✓ High stretching and crack bridging properties
- ✓ Waterproof and water vapour retardant
- ✓ Durably resistant to aging



Applications

- ✓ Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone
- ✓ Composite sealing for balconies, terraces and pergolas under ceramic coverings and natural stone

The steps to achieving a reliable sealing



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



The OTTO processor tip

To ensure the testing in the system, overlaps in the joint area must be bonded and sealed using our waterproof hybrid adhesives OTTOCOLL® M500 or OTTOCOLL® M595.



Perfectly processed

OTTOFLEX®

Slurry seal coating

 The heavy-duty
composite sealing

Highly polymer-modified cementitious coating

indoor and outdoor

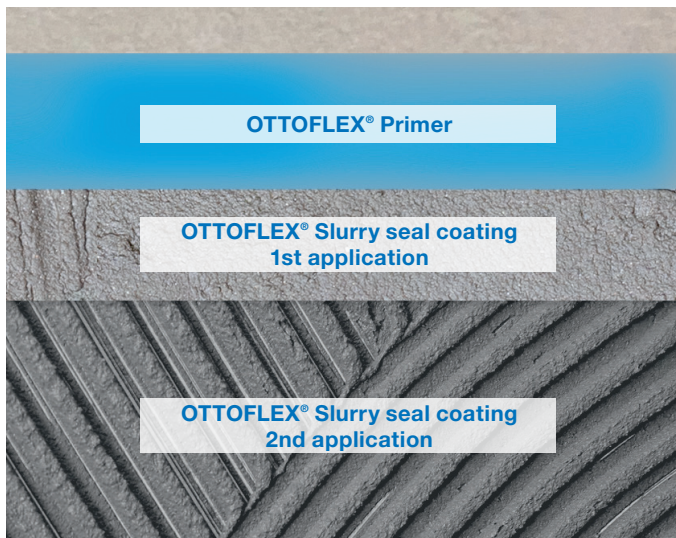
- ✓ **Universally usable**
- ✓ High crack bridging properties
- ✓ Waterproof and permeable to steam diffusion
- ✓ Resistant to frost and aging



Applications

- ✓ Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone
- ✓ Sealing of swimming pools and water tanks
- ✓ Structural waterproofing of building components in contact with soil

The steps to achieving a reliable sealing



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



The OTTO processor tip

The OTTOFLEX® Slurry seal coating can be rolled on, sprayed on or applied with a trowel. If a trowel is used, we recommend a four-tooth trowel. Our OTTO professional training “The Perfect Composite Sealing” has this and other exciting information.

Perfectly processed

OTTOFLEX® Sealing and decoupling strip



The decoupling composite sealing

Special elastomer tape fully fabric reinforced on both sides

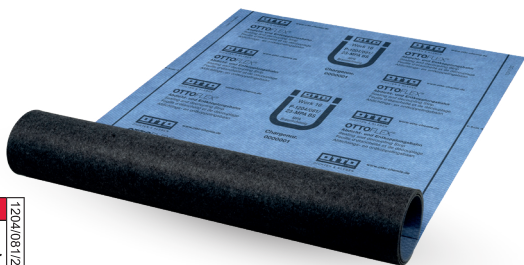
indoor and outdoor

✓ **Optimal for critical substrates**

✓ Very high stretching and crack bridging properties

✓ Fast further processing

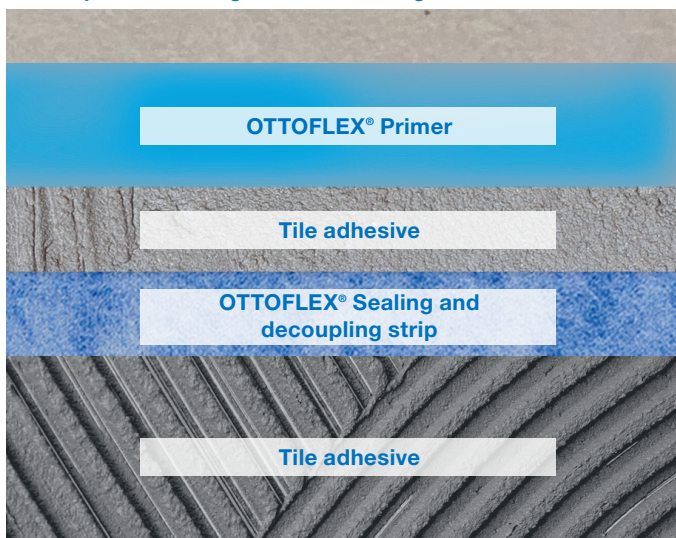
✓ Durably resistant to aging



Applications

- ✓ Decoupling, crack bridging and waterproof composite sealing
- ✓ Composite sealing for moisture-prone rooms and wet rooms underneath ceramic coverings and natural stone
- ✓ Composite sealing for balconies, terraces and pergolas under ceramic coverings and natural stone

The steps to achieving a reliable sealing



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



OTTO professional tip

The edges of the OTTOFLEX® Sealing and decoupling strip are installed end to end. Sealing according to DIN 18534 is then done with the OTTOFLEX® Sealing tapes and our premium adhesives OTTOCOLL® M500 or OTTOCOLL® M595.

OTTOFLEX® Primers

The perfect primer for any substrate

OTTOFLEX® Primer

indoor and outdoor

✓ Optimal for absorbent substrates

- ✓ Very short drying time
- ✓ Solvent-free



OTTOFLEX® Deep primer

indoor and outdoor

✓ Improved adhesion and reinforcement of the substrate

- ✓ Increasing the load-bearing strength of the substrate
- ✓ Dilutable
- ✓ Solvent-free



OTTOFLEX® Adhesive primer

indoor and outdoor

✓ **Optimal for non-absorbent substrates**

✓ Very short drying time

✓ Solvent-free



What primer is the right one?

OTTO has the right primer for any substrate. We have put together an overview for you with the most common substrates. You can find this overview on our website.

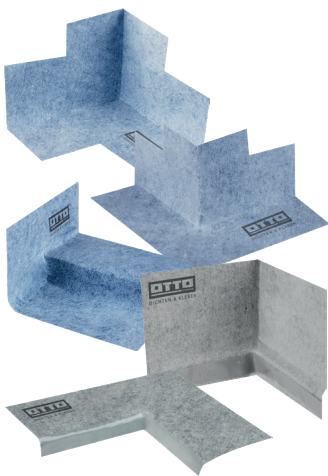


OTTOFLEX® Accessories

The perfect accessory for
any application

Pre-formed corners

- ✓ OTTOFLEX®
Interior corner tapes
- ✓ OTTOFLEX®
Exterior corner tapes
- ✓ OTTOFLEX®
Shower board corner
- ✓ OTTOFLEX®
Bath edge corner
- ✓ OTTOFLEX®
Multifunctional corner



Sealing tapes

- ✓ OTTOFLEX®
Sealing tape
- ✓ OTTOFLEX®
Project sealing tape



Sleeves

- ✓ OTTOFLEX®
Double flexible sealing sleeve
- ✓ OTTOFLEX®
Flexible sealing sleeve
- ✓ OTTOFLEX®
Floor sealing sleeve
- ✓ OTTOFLEX®
Wall sealing sleeve

Tapes

- ✓ OTTOFLEX®
Bath edge sealing tape
- ✓ OTTOFLEX®
Protective tape
- ✓ OTTOFLEX®
Sound insulation tape



OTTOCOLL® M 500

The extremely water-resistant
premium hybrid adhesive

1-component hybrid polymer STP adhesive

indoor and outdoor

- ✓ **Extremely water-resistant**
- ✓ Compatible with natural stone
- ✓ Elastic bondings
- ✓ Bonding to damp surfaces



Applications

- ✓ Bonding in food-related areas
- ✓ Bonding in the OTTOFLEX® System compound sealing
- ✓ Bonding of varnished glass
- ✓ Bonding of natural stone
- ✓ Bonding of different materials



Hybrid adhesives and their properties



Why OTTOCOLL® M500 for the sealing strip?

Thanks to the flexible options for applying the adhesive (e.g. with a trowel, with a flat nozzle or in bead shapes), OTTOCOLL® M500 has the perfect processing properties for the OTTOFLEX® Sealing strip. Both products have also been tested in a system and together have an abP.

Perfectly complemented

OTTOCOLL® M 595

The hybrid-adhesive for
full-surface bonding

1-component hybrid polymer STP adhesive

indoor and outdoor

- ✓ **Applicable by spatula**
- ✓ Stable
- ✓ Elastic bondings
- ✓ Easy vertical processing



Applications

- ✓ Full surface bonding for
wall panels
- ✓ Bonding sandwich elements
- ✓ Bonding vertical and
horizontal surfaces



Hybrid adhesives and their properties



Reliable in a system with OTTOCOLL® M595

Our OTTOCOLL® M 595 was also tested in the system and is thus ideal for bonding the overlap areas of the OTTOFLEX® Sealing strip and the sealing and decoupling strip. Our special hybrid adhesive is also available in a practical 5 kg bucket.

Perfectly complemented

OTTOSEAL® S 100

The premium bathroom silicone

1-component silicone sealant based on acetate

indoor and outdoor

- ✓ **Excellent workability**
- ✓ Long-lasting joint
- ✓ Resistant to mould and bacteria



Applications

- ✓ Wall and floor expansion joints
- ✓ Connecting joints in sanitary areas
- ✓ Sealing of glass modules



OTTOSEAL® S 70

The premium natural stone silicone

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

indoor and outdoor

- ✓ **Excellent workability**
- ✓ No migratory staining
- ✓ Very long-lasting joint
- ✓ Resistant to mould



Applications

- ✓ Sealing of expansion joints in the area of floors, walls and facades
- ✓ Sealing of swimming pools
- ✓ Outside mirror sealing
- ✓ Sealing of lacquered and enamelled glass



Grouting natural stone slabs



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-gba.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. 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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SEALING & BONDING