

OTTO Product Overview

Perfectly seal and bond natural stone

The OTTO natural stone range



Quality creates cohesion



SEALING & BONDING

Reliability through experience

OTTO has over 30 years of experience with natural stone sealants

Then



Now



- ✔ Keine Randzonenverschmutzung
- ✔ Sehr langlebige Fuge
- ✔ Sicher gegen Schimmel

For a perfect result

Our natural stone sealants are characterised by:

- ✔ No marginal staining, guaranteed
- ✔ Excellent workability
- ✔ High variety of colours and surfaces
- ✔ Tested for the food-related sector
- ✔ Externally tested natural stone compatibility (ISO 16938-1)



No marginal staining – more reliability with OTTO!

With OTTO sealants specially developed for natural stone, there is no risk of marginal staining. OTTO assumes the guarantee for this. In addition, the natural stone compatibility has been proven by a renowned testing institute (SKZ, Würzburg) according to ISO 16938-1.

The OTTO natural stone range

OTTOSEAL® sealants



- ✔ **OTTOSEAL® S70**
The premium natural stone silicone
- ✔ **OTTOSEAL® S80**
The low odour natural stone silicone
- ✔ **OTTOSEAL® S117**
The natural stone silicone
- ✔ **OTTOSEAL® S130**
The environmentally friendly bathroom silicone
- ✔ **OTTOSEAL® S140**
The hotel and spa silicone

OTTOCOLL® adhesives



- ✔ **OTTOCOLL® M500**
The extremely water-resistant premium hybrid adhesive
- ✔ **OTTOCOLL® M501**
The crystal-clear hybrid adhesive
- ✔ **OTTOCOLL® M530**
The hybrid adhesive with very fast bonding
- ✔ **OTTOCOLL® M560**
The universal premium hybrid adhesive with very high initial adhesion
- ✔ **OTTOCOLL® P85**
The high-strength premium PU adhesive

OTTOFLEX® system compound sealing



- ✔ **OTTOFLEX® Sealing Strip**
- ✔ **OTTOFLEX® Slurry Seal Coating**
- ✔ **OTTOFLEX® Protective Coating**

Accessories



- ✔ **OTTO Siloxan290L**
The silicone for surface impregnation
- ✔ **OTTO StainEx**
The natural stone degreasing paste
- ✔ **OTTO Primer 1102**
The sandstone primer
- ✔ **OTTO Primer 1216**
The primer for natural stone and metal
- ✔ **OTTO Primer 1218**
The silicone primer for continuously wet conditions
- ✔ **OTTO Marmor-Silikon-Glättmittel**

Which natural stone silicone is the right one for my application?



Applications

	S70	S80	S117	S130	S140
Sealing of expansion joints in wall and façade areas	☑	☑	☑	☑	☑
Sealing of sanitary areas	☑	☑	☑	☑	☑
Sealing of interior areas	☑	☑ low odour	☑	☑ low odour	☑
Sealing of kitchen worktops and backsplashes (ISEGA test)	☑ Food-related area	☑ Food-related area	✗	☑ Food-related area	✗
Sealing of expansion joints in the floor area, e. g. patio slabs	☑	☑	✗	✗	☑
Sealing of swimming pools, also underwater joints	☑	✗	✗	✗	☑
Sealing of highly stressed areas (e. g. wellness areas)	✗	✗	✗	✗	☑

☑ = perfectly suited ✗ = not recommended



Learn more about our products

You can find more useful informations about our products on our website www.otto-chemie.com



OTTOSEAL® S70

The premium natural stone silicone

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

For indoor and outdoor application

- ✔ **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



Sealing of swimming pools, also underwater joints



OTTOSEAL® S80

The low odour natural stone silicone

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

For indoor and outdoor application

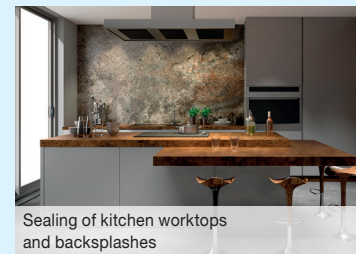
- ✔ **Low odour**
- ✔ No migratory staining
- ✔ Very long-lasting joint
- ✔ Resistant to mould



Applications

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

+ **Improved recipe – OTTOSEAL® S 80 can now be smoothed even better**



Sealing of kitchen worktops and backsplashes



OTTOSEAL® S 130

The environmentally friendly bathroom silicone

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

For indoor and outdoor application

- ✓ **Ecologically safe mould protection**
- ✓ Low odour
- ✓ Compatible with natural stone



Applications

- ✓ Wall and floor expansion joints
- ✓ Connecting joints in sanitary areas



OTTOSEAL® S 140

The hotel and spa silicone

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

For indoor and outdoor application

- ✓ **Double mould protection**
- ✓ Extremely resistant to mould and bacteria
- ✓ Very long-lasting joint
- ✓ Compatible with natural stone



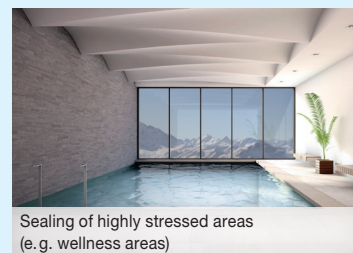
Applications

- ✓ Wall and floor expansion joints in highly-stresses sanitary areas
- ✓ Connection joints in highly-stressed sanitary areas
- ✓ Sealing of swimming pools and baths as well as jointing at the pool end



The OTTO Fungitect® Silver technology

With OTTO Fungitect® silver technology, which is harmless to health and the environment, OTTO offers an immense advantage in the fight against mould. The OTTO Fungitect® Silver technology is not washed out of the sealant even under heavy water load and can thus provide its protective effect over a longer period of time.



Sealing of highly stressed areas (e.g. wellness areas)



OTTOSEAL® S 117

The natural stone silicone

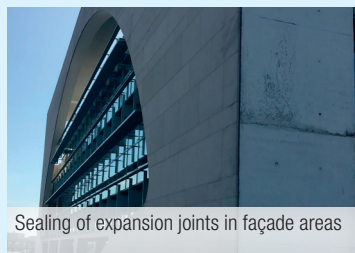
1-component silicone sealant based on oxime, neutral cross-linking, MEKO-free

For indoor and outdoor application

- ✔ **Good workability**
- ✔ No migratory staining
- ✔ Resistant to mould

Applications

- ✔ Sealing of expansion joints in wall and façade areas



Sealing of expansion joints in façade areas



Professional accessories for a perfect application



OTTO Hand-operated gun H 37



OTTO Fugenfux® Multitool



OTTO Accumulator Gun Type HPS-4T



OTTO Fugenfux® set of 4 for sanitary and floor joints



OTTO Primer 1102
The sandstone primer

OTTO Primer 1216
The primer for natural stone and metal

OTTO Primer 1216
The silicone primer for continuously wet conditions



The OTTO processor tip

For easy application and a perfect joint, we recommend OTTO Marble Silicone Smoothing Agent, which is specially formulated for sensitive marble and natural stone types.



OTTOCOLL® M500

The extremely water-resistant premium hybrid adhesive

1-component hybrid polymer STP adhesive

For indoor and outdoor application

- ✔ **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 in the OTTOFLEX® system
- ✔ Bonding of varnished glass
- ✔ Bonding of natural stone
- ✔ Bonding of different materials



Bonding natural stone to PVC film



OTTOCOLL® M501

Der glasklare Hybrid-Klebstoff

1K-Hybrid-Polymer STP-Klebstoff

Für innen und außen

- ✔ **Glasklar**
- ✔ Natursteinverträglich
- ✔ Elastische Klebungen
- ✔ Unauffällige Klebungen



Anwendungen

- ✔ Kleben von Glas in Innenräumen in Verbindung mit Metallen, Kunststoffen, Holz, Naturstein und mineralische Untergründe



The OTTO professional tip

The crystal-clear hybrid adhesive OTTOCOLL® M501 is the first choice for all bonds that should be as invisible as possible after curing. It is suitable for many elastic bondings inside and outside. OTTOCOLL® M501 is also compatible with natural stone.



OTTOCOLL® M530

The hybrid adhesive with very fast bonding

1-component hybrid polymer STP adhesive

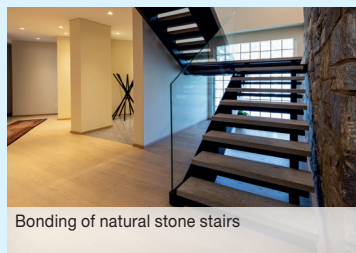
For indoor and outdoor application

- ✓ **Very fast bonding**
- ✓ Handling strength bond after 20 minutes
- ✓ Functional strength bond after 3 hours
- ✓ Elastic bondings



Applications

- ✓ Bonding of wooden, metal and natural stone stairs
- ✓ Bonding of skirting and decorative mouldings
- ✓ Bonding of metal and plastic holders to ceramic or mineral substrates



Bonding of natural stone stairs

OTTOCOLL® M560

The universal premium hybrid adhesive with very high initial adhesion

1-component hybrid polymer STP adhesive

For indoor and outdoor application

- ✓ **Very high initial adherence**
- ✓ Universally usable
- ✓ Elastic bondings
- ✓ Bonding to damp surfaces



Applications

- ✓ Bonding of different materials
- ✓ Bonding of natural stone
- ✓ Bonding of mirrors
- ✓ Bonding in food-related areas



Bonding natural stone facing

OTTOCOLL® P 85

The high-strength premium PU adhesive

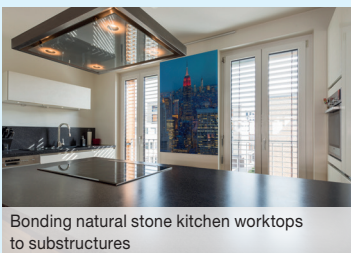
1-component adhesive based on polyurethane

For indoor and outdoor application

- ✔ **Extremely strong bondings**
- ✔ Very high final strength
- ✔ Very fast curing

Applications

- ✔ High-strength bondings of metals, wood, plastics, natural stone, insulating boards, etc.
- ✔ Weather-resistant wood bondings
- ✔ Heat-resistant wood bondings



Bonding natural stone kitchen worktops to substructures



OTTOFLEX® – The reliable sealing of professionals

All OTTOFLEX® systems are securely bonded, DIN-compliant, quality products „made in Germany“ and perfectly suited for bonded waterproofing in damp and wet rooms under ceramic coverings and natural stone.

The OTTOFLEX® Protective Coating



- ✔ Composite waterproofing for damp and wet rooms up to WE class W2-I Wall

The OTTOFLEX® Sealing Strip



- ✔ Composite waterproofing for damp and wet rooms up to WE class W2-I wall and floor

The OTTOFLEX® Slurry Seal Coating



- ✔ Composite waterproofing in damp and wet rooms for all WE classes



OTTO Siloxan 290L

The silicone for surface impregnation

Oligomer siloxane in solvent

For outdoor application

- ✔ **Protects against soiling**
- ✔ Can be used on slightly damp substrates
- ✔ Forms dirt-repelling surface
- ✔ UV-resistant

Applications

- ✔ Hydrophobic treatment of façades and construction 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



Impregnation of façades



OTTO StainEx

The natural stone degreasing paste

Special solvent-based paste

For indoor and outdoor application

- ✔ **Cleans marginal staining**
- ✔ Degreased surface
- ✔ Ready for use
- ✔ Easy to use

Anwendungen

- ✔ Remove marginal staining on natural stone caused by unsuitable sealants



Useful additional information

Unsuitable sealants can cause marginal staining on natural stones, which can lead to cost-intensive renovations. This is caused by the migration of sealant components into the porous structure of the natural stone



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:

+449 8684 908-5300
@international@otto-chemie.com

Monday to Thursday: from 7:30am – 4:30pm
Friday: from 7:30am – 1:30pm



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 OTTO Colour Table

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 -> processor colour tables, which can be bent and thus held directly against the hard joint for colour matching.

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.

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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