

X-TREME SEALER

DESCRIPTION

X-treme Sealer is a high quality 1 component silicone sealant. With our improved sealing technology, X-treme Sealer provides unique adhesion on difficult materials. Sealing natural stone and sanitary-, glazing- and façade joints. NSF-registered as adhesive and sealant in the food processing areas (S4).

PROPERTIES

- Extreme adhesion on metal, wood, glass, plastic and more.
- UV and weather resistant. Very high resistance to chlorine, ammoniac, bleach etc.
- Resistant against water, cleaners and household chemicals.
- No discoloration, no yellowing, moisture resistant and remains flexible.
- High temperature resistance: -60°C to +180°C.
- Neutral silicone (oxime) and easy to use.
- Safe to use on natural stone.
- Not paintable.
- Resists mold.
- Very low emission, certified VOC emission class A+.
- Fasten without primer on most substrates (with structure varnishes, use Easy Primer).
- X-treme Sealer is only treated with a biocide and then have such a small amount of biocide in the recapture that it does not affect the classification.

FIELD OF APPLICATION

- X-treme Seal may be used safely in the food processing areas (NSF – S4). For example, for the grouting of wall and floor areas in companies which are preparing and processing foodstuffs. However, a direct contact with the foodstuffs is not intended.
- Sanitary rooms and kitchens.
- Sealing joints in marble and granites and other porous surfaces.
- Good adhesion on glass, glazed surfaces, enamel, aluminum, metals and other materials used in the building sector.
- Antibacterial sealant, for air and climate control systems, cold storage units and cleanrooms, such as sterile, laboratory, hospital, hygienic, pharmaceutical, food and other critical spaces.
- Joints with structure varnishes (together with Easy Primer).
- Connecting joints with natural stone.
- An excellent and unique adhesion on structural paint and powder coating with Easy Primer, also on PE, PP and other hard to bond plastics.

USER INSTRUCTIONS

Apply on dry and clean substrates free of loose particles.
To bond PP, PE, and other difficult to bond materials apply the Easy Primer, on the surface to be treated in two thin layers.



X-TREME SEALER – XTS – 112-212

Art.no. 15490 & 15491

Signature: JH

Date: 2023-01-11

This product information is property of VEIDEC AB and is not to be forwarded to third persons without our agreement. The product information has been made out according to our experiences; the corresponding distributing company has to point out probable characteristics as to the use of the product as the application fields are often very different. The recommendations as to technical use are not binding and do not justify any contractual relationship and subsidiary obligations under the contract of purchase. They especially do not relieve the buyer from testing our product on his own as to the suitability for the designated field of application.



X-TREME SEALER

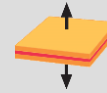
TECHNICAL DETAILS

Color:	White: Art.no. 15490 Transparent: Art.no. 15491
Packaging:	PE cartridges of 310 ml
Odour:	Nearly odorless.
Full curing time (23°C/55%RH):	2 mm/24 hours
Skin forming time (23°C/50%RH):	10 min
Density (20°C):	1,04 g/ml
VOC (directive 2010/75/EU):	0 %
Elastic recovery:	>70 %
Joint movement capacity (ISO 9040):	25 %
Shrinkage:	0%.
Shelf life (temp.) months (+5°C to +25 °C):	12 months (stored dry).
Elongation at break:	500%.
Tensile strength (ISO 8339):	1,40 N/mm ²
E-module at 100%:	0,35 N/mm ²
Hardness DIN 53505 (Shore A):	28
Temperature resist:	-60°C to +180°C
Application & Surface temperature:	+5°C to +40°C
Certificates & Registrations:	GREEN WORLD, NSF S4, CE (DoP), BASTA, Sunda Hus B, VOC emission class A+, Svanens byggportal, Byggvarudeklaration available.
CE Marking (EN 15651)	EN 15651-1: F-EXT-INT-CC 25LM EN 15651-2: G-CC 25LM EN 15651-3: S-XS1 EN 15651-4: EXT-INT-CC 25LM
Chemical resistance guide:	See separate guide.
Others:	In compliance with the legal regulations, please see current Material Safety Data Sheet. https://veidec.com/en/msds
User Instruction:	Scan the QR-code for MSDS, video and other information.

A joint with the correct dimensions is able to absorb movements between materials. The joint depth should always be in the correct relationship of the joint width. A general rule of optimal ratio (width to depth);
Façade joints: 2:1 (see chart).

Remark: Compatibility of the edge seals of insulation glass with glazing sealants cannot be guaranteed by VEIDEC, as the composition of the edge seals can be changed by the producer without mentioning. Advices concerning the Compatibility of glazing sealants to the edge seals of insulation glass are based on experience and therefore not guaranteed.

SYMBOLS



Tensile stress
1,40 N/mm²

CERTIFICATES/REGISTRATIONS



GREEN WORLD



NSF; Category code S4.
Reg. no: 154302.
<http://www.nsf.com/USDA/letters/154302.pdf>



EN 15651 (1/2/3/4)
Façade: F-EXT-INT-CC 25LM
Glazing: G-CC 25LM
Sanitary: S – XS1.
Pedestrian: EXT-INT-CC 25LM



Sunda Hus, Assessment B.



X-treme Sealer is registered by BASTA.



VOC emission class A+.

Meets the criteria for chemicals that may be used in construction of Svanen approved buildings and is listed in Svanen's building products portal.



Joint spacing (m)	Minimum joint width (mm)	Sealant depth (mm)
2	15	8
4	20	10
6	25	12
8	30	15
10	35	18

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