



Data sheet

RAW HYBRID SEALANT ADHESIVE 290ML

Product description

High quality, neutral, elastic, 1-component sealant and adhesive based on SMX Polymer.

Properties

- ✓ Excellent adhesion on nearly all surfaces, even if slightly moistened
- ✓ Easy to extrude
- ✓ No odour
- ✓ Good weather and UV resistance
- ✓ Doesn't contain silicones
- ✓ Does not contain isocyanates
- ✓ Can be painted with water based paints
- ✓ Not suitable for natural stone

Applications

- ✓ Sealing and bonding in the building and construction industry
- ✓ Strong elastic bonding in vibrating constructions
- ✓ Sealing and bonding in the building and construction industry

Technical data

Basis	SMX, Hybrid Polymer
Consistency	Stable paste
Curing system	Moisture curing
Density	1,58 g/ml
Skin formation* (23°C/50% R.H.)	Ca 16min.
Curing speed * (23°C/50% R.H.)	3mm/24h
Hardness	60 +/- 5 Shore A
Maximum allowed distortion	+/- 20%
Max. tension (ISO 37)**	>2,00 N/mm ²
Elongation at break (ISO37)**	>400%
Elasticity modulus 100% (ISO 37)**	1,20 N/mm ²
Application temperature	+5 °C → +35 °C
Temperature resistance**	-40 °C → +90 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

** This information relates to fully cured product.



Color

White

Packaging

290mL PE-cartridge

Shelf life

At least 12 months in unopened packaging in a dry storage place at temperatures between +5°C and +25°C. Do not expose the container to frost.

Application method

With manual RAW caulking gun.

Cleaning: Clean with RAW cleaning wipes, immediately after use.

Finishing: With RAW Smoothing Liquid before skinning.

Repair: With the same material RAW Universal sealant.

Joint dimensions

Min. width for bonding: 2mm

Min. width for joints: 5mm max.

Max. width for bonding: 10mm

Max. width for joints: 30mm

Min. depth for joints: 5 mm

Recommendation sealing jobs: joint width = 2 x joint depth.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks

- ✓ May be overpainted with water based paints, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application.
- ✓ Can not be used as a glazing sealant.
- ✓ Do not use on natural stones like marble, granite,...(staining).
- ✓ Not suitable for bonding aquariums
- ✓ Can be used for sealing and bonding on natural stone.
- ✓ When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- ✓ Has a good UV resistance but can discolor under extreme conditions or after very long UV exposure.
- ✓ Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discolouration and loss of adhesion.
- ✓ Do not use in applications where continuous water immersion is possible.
- ✓ Discoloration due to chemicals, high temperatures, UV-radiation may occur. A change in color does not affect the technical properties of the product.

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.