



Data sheet

RAW HYBRID SEALANT ADHESIVE CLEAR 290ML

Product description

Neutral curing crystal clear sealant and adhesive for universal sealing and bonding applications in construction and general building.

Properties

- ✓ Excellent adhesion on nearly all surfaces, even if slightly moistened
- ✓ Good mechanical properties
- ✓ Easy to extrude
- ✓ Impervious to mould
- ✓ No odour
- ✓ Doesn't contain silicones
- ✓ Does not contain isocyanates
- ✓ Does not contain halogens or acids
- ✓ Can be painted with water based paints
- ✓ Can be applied on natural stone

Applications

- ✓ Sealing of joints indoor
- ✓ Elastic bonding in construction and building applications
- ✓ Sanitary applications

Technical data

Basis	SMP, Hybrid Polymer
Consistency	Stable paste
Curing system	Moisture curing
Density	1,05 g/ml
Skin formation* (23°C/50% R.H.)	Ca 4min.
Curing speed * (23°C/50% R.H.)	2-3mm/24h
Hardness	38 +/- 5 Shore A
Elastic recovery (ISO 7389)**	>75%
Maximum allowed distortion	+/- 20%
Max. tension (ISO 37)**	1,75 N/mm ²
Application temperature	+5 °C → +35 °C



Elasticity modulus 100% (ISO 37)**	0,60 N/mm ²
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

Crystal Clear

Packaging

290mL PE-cartridge

Shelf life

At least 15 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.

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 be applied to a wide variety of substrates. Because specific substrates such as plastics, like polycarbonate, etc, may differ from manufacturer to manufacturer, we recommend a compatibility test prior to application
- ✓ While plastics very often release agents, processing aids and other protective agents (like protection foil) are used. These should be removed prior to bonding. For optimum adhesion the use of a primer or surface activator is recommended.
- ✓ Can not be used as a glazing sealant.
- ✓ Not suitable for bonding aquariums
- ✓ Can not 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.
- ✓ The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainings will stimulate the development of fungi.
- ✓ A total absence of UV can cause a color change of the sealant.



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.