



Data sheet

RAW FRAME SILICONE 280ML

Product description

High quality, neutral, elastic, 1-component sealant based on silicones.

Properties

- ✓ Excellent moisture resistance
- ✓ Impervious to mould, contains biocide with fungicidal action
- ✓ Easy to apply
- ✓ Permanently elastic after curing
- ✓ Low odour
- ✓ Does not contain isocyanates
- ✓ UV-resistant
- ✓ Neutral curing

Applications

- ✓ All usual building, connection, expansion and dilatation joints
- ✓ Glazing and jointing works
- ✓ Sealing between PVC, treated wooden and metal profiles and glass
- ✓ Sanitary applications

Technical data

Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Density	1,00 g/ml (transparent) 1,17g/ml (white)
Skin formation* (23°C/50% R.H.)	Ca 10min.
Curing speed * (23°C/50% R.H.)	2mm/24h
Hardness	25 +/- 5 Shore A
Elastic recovery (ISO 7389)**	>80%
Maximum allowed distortion	20%
Max. tension (ISO 37)**	1,10 N/mm ²
Elongation at break (ISO 37)**	700%
Elasticity modulus 100% (ISO 37)**	0,32 N/mm ²
Application temperature	+5 °C → +35 °C
Temperature resistance**	-60 °C → +120 °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

Transparent, White

Packaging

280mL PE-cartridge

Shelf life

12 months in unopened packaging in a dry storage place at temperatures between +5°C and +25°C.
After opening, close properly and consume quickly.

Application method

With manual RAW caulking gun. Apply the silicone evenly without air inclusions into the joint. Smoothen the joint with a spatula with the help of RAW Smoothing Liquid. Avoid that soapy solution comes between the joint edges and sealant (to prevent adhesion loss).

Application method: With a manual RAW gun.

Cleaning: Clean with a surface cleaner immediately after use (before curing).

Finishing: With RAW Smoothing Liquid before skinning.

Repair: With the same material RAW Frame Silicone

Health- and Safety Recommendations

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

Remarks

- ✓ Do not use on natural stones like marble, granite,...(staining).
- ✓ Direct contact with the secondary sealing of insulating glass units (insulation) and the PVB-film of safety glass must be avoided.
- ✓ A total absence of UV can cause a color change of the sealant.
- ✓ Because of the diversity we recommend to do adhesion tests on aluminum lackers, textured coating and PVC before application
- ✓ In an acid environment or in a dark room, a white sealant can slightly turn yellow. Under the influence of sunlight it will turn back to its initial color.
- ✓ When finished with RAW Smoothing Liquid or a soapy solution, make sure that the surfaces are not touched by this solution. This will cause the sealant not to adhere to that surface. Therefore, we recommend to only dip the finishing tool in this solution.
- ✓ We strongly recommend not to apply the RAW Smoothing Liquid in full sunlight as it will dry very fast in these circumstances.
- ✓ Do not use on polycarbonate.
- ✓ Do not use in applications where continuous water immersion is possible.
- ✓ When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.

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.