



Data sheet

RAW GP SILICONE 270ML

Product description

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

Properties

- ✓ Excellent moisture resistance
- ✓ Impervious to mould, contains biocide with fungicidal action
- ✓ Typical acetic smell
- ✓ Easy to apply
- ✓ Permanently elastic after curing
- ✓ Does not contain isocyanates
- ✓ UV-resistant
- ✓ Not paintable
- ✓ Not suitable for natural stone

Applications

- ✓ Sanitary applications : connection joints between wall and bath tubs or shower bases
- ✓ For sealing of joints in sanitary and other moist rooms between e.g.. showers, bathtubs and (tiled) walls, between walls and washbasins, between floors and toilet

Technical data

Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Density	0,95 g/ml
Skin formation* (23°C/50% R.H.)	Ca 20min.
Curing speed * (23°C/50% R.H.)	2mm/24h
Hardness	15 +/- 5 Shore A
Elastic recovery (ISO 7389)**	>80%
Maximum allowed distortion	25%
Max. tension (ISO 37)**	1,45 N/mm ²
Elasticity modulus 100% (ISO 37)**	0,23 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

270mL 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.

Substrates

Substrates: all usual building substrates, no pvc, not suitable for concrete

Nature: rigid, clean, dry, free of dust and grease.

Surface preparation: Porous surfaces should be primed. No primer needed for non-porous substrates.

There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates. We recommend a preliminary adhesion test on any substrate.

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 GP 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

- ✓ Because of the acid nature, certain metals (eg copper, lead) can be affected.
- ✓ 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.
- ✓ 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.