

Flexyfix Silicone

Revision: 24/08/2023

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Technical data

Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (23°C/50% R.H.)	Ca. 20 min
Curing speed * (23°C/50% R.H.)	Ca. 2 mm/24h
Hardness**	Ca. 15 ± 5 Shore A
Density	Ca. 1.00 g/ml
Maximum allowed distortion	25 %
Max. tension (ISO 37)**	Ca. 1.45 N/mm ²
Elasticity modulus 100% (ISO 37)**	Ca. 0.23 N/mm ²
Elongation at break (ISO 37)**	700 %
Temperature resistance**	-60 °C → 120 °C
Application temperature	5 °C → 35 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

Flexyfix Silicone is a high quality, elastic, 1-component silicone sealant.

Properties

- Very easy to apply
- UV-resistant
- Impervious to mould
- Permanently elastic after curing
- Very good adhesion on sanitary surfaces
- Typical acetic smell
- Not paintable
- Not suitable for natural stone

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.
- Sanitary applications.

Packaging

Colour: clear, white,

Packaging: 290 ml cartridge

Shelf life

24 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Substrates

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

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

Surface preparation: 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.

Joint dimensions

Min. width for joints: 5 mm

Max. width for joints: 30 mm

Min. depth for joints: 5 mm

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

Application method

Application method: With a manual, pneumatic or accu caulking gun.

Cleaning: Clean with tool wipes

Note: The information contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Rewmar reserves the right to modify products without prior notice.

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immediately after use

Finishing: With a soapy solution before skinning.

Repair: With the same material.

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

Dangerous. 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). Use Flexyfix Sealant for this application.
- 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 sealant can slightly turn yellow. Under the influence of sunlight it can turn back to its initial colour.
- When finished with a finishing solution or 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 Finishing Solution in direct sunlight as it will dry very fast in these circumstances.
- Do not use on polycarbonate. Use Flexyfix Sealant instead.
- 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.

Environmental clauses

Leed regulation:

Flexyfix Silicone conforms to the requirements of LEED. Low –Emitting

Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC-content.

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.

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