8 July 2024

BATHROOM & KITCHEN SILICONE

Technical Data

Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (23°C/50% R.H.)	Ca. 10 min
Curing speed* (23°C/50% R.H.)	Ca. 2 mm/24h
Hardness**	Ca. 25 ± 5 Shore A
Density	Ca. 1.00 g/mL (clear), Ca. 1.26 g/mL (colours)
Elastic recovery (ISO 7389)**	> 80 %
Maximum allowed distortion (ISO 11600)	± 25 %
Max. tension (ISO 37)**	Ca. 1.35 N/mm² (MPa)
Elasticity modulus 100% (ISO 37)**	Ca. 0.40 N/mm² (MPa)
Elongation at break (ISO 37)**	> 500 %
Temperature resistance**	-60 °C → 150 °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

Bathroom & Kitchen Silicone is a high performance, neutral cure, low odour, high quality sanitary silicone sealant for high humidity areas.

Properties

- Resistant to mould
- Colourfast & UV-resistant
- Very easy to apply
- Permanently elastic after curing
- Very good adhesion on many materials
- Low modulus
- Neutral curing & low odour
- Not paintable

Applications

- Connection joints between wall and bath tubs or shower bases.
- Joints in sanitary rooms (on synthetic baths and tubs) and kitchens.
- Permanent elastic sealing in bathroom, kitchen, air conditioning and ventilation systems.

Packaging

Colour: clear, grey
Packaging: 300 mL cartridge, 600 mL sausage

Shelf life

12 months in original, unopened packaging in a cool and dry storage place with temperature between +5°C and +25°C.

Substrates

Substrates: all usual building substrates
Nature: rigid, clean, dry, free of dust and grease.
Surface preparation: Bathroom & Kitchen Silicone has a good adhesion to most substrates. However, for optimal adhesion and in critical applications, such as joints exposed to extreme weather conditions, high- or water- loaded joints, we recommend to follow a pretreatment procedure.

- Prepare non-porous surfaces with a Soudal **Surface Activator** or **Cleaner & Degreaser**.
- Prepare porous surfaces with Soudal **Primer 150**.

Not suitable for PE, PP, PTFE (eg. Teflon®), bituminous substrates, copper or copper-containing materials such as bronze and brass.

Due to the wide variety materials used in sanitary areas, we recommend a preliminary adhesion and compatibility test on every surface such as powder coated shower screen frames.

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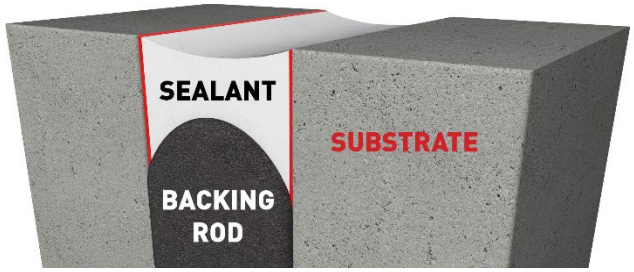
Recommended joint dimensions

	JOINT		BONDING
	Width	***Depth***	***Width***
Min	*5 mm*	*5 mm*	*NA*
Max	*30 mm*	*15*	*NA*
Recommendation for sealing: ½ width = depth			



Application method

Apply the product with caulking gun. Smoothen the joint with a spatula with the help of finishing solution. Avoid that soapy solution comes between the joint edges and sealant (to prevent adhesion loss).
Application method: With manual- or pneumatic caulking gun.
Cleaning: Clean with Soudal Surface Cleaner or with Soudal **Swipex**, immediately after use. Cured Bathroom & Kitchen Silicone can only be removed mechanically.
Finishing: With a soapy solution or Soudal **Finishing 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. Use only in well-ventilated areas.

Remarks

- Not suitable as adhesive for structural glazing applications.
- Bathroom & Kitchen Silicone is not suitable for contact with secondary sealant of insulating glass units. Not appropriate for applications in direct contact with PVB film in laminated glass, we recommend to use Silirub WS+ instead.
- Not suitable for bonding mirror.
- Do not use on natural stones like marble, granite,...(staining). Use Soudal Silirub MA for this application.
- The use of Soudal Surface Activator is recommended in combination with powder coated substrates.
- A total absence of UV can cause a colour change of the sealant.
- Discoloration due to chemicals, high temperatures, UV-radiation may occur. A change in colour does not affect the technical properties of the product.
- 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.
- 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 colour.
- We strongly recommend not to apply the **Finishing Solution** in full sunlight as it will dry very fast in these circumstances.
- Do not use in applications where continuous water immersion is possible.
- Not suitable for bonding aquariums.
- Do not use on polycarbonate. Use Silirub PC instead.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- 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.

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Environmental clauses

Leed regulation:
Bathroom & Kitchen 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.