

Basis	Polysiloxane	
Consistency	Stable paste	
Curing system	Moisture curing	
Skin formation* (20°C / 65% R.H.)	Ca. 12 min	
Curing speed * (20°C / 65% R.H.)	Ca. 2 mm/24h	
Hardness	30 ± 5 Shore A	
Density	Ca. 1,30 g/ml	
Elastic recovery (ISO 7389)	> 80 %	
Maximum allowed distortion	25 %	
Temperature resistance	-40 °C → 180 °C	
Max. tension (DIN 53504)	1,30 N/mm ²	
Elasticity modulus 100% (DIN 53504)	0,50 N/mm ²	
Elongation at break (DIN 53504)	> 700 %	
Application temperature	5 °C → 35 °C	
Electrical Properties – Cured 7 days at 23°C and 50% ± 5% Relative Humidity:	Dielectric Strength (ASTM-D149)	20 kV/mm
	Volume Resistivity (ASTM-D257)	1.3 X 10 ¹⁵ Ω-cm

BE-2300 Turnhout
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Silirub 612

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Application method

Application method: With manual- or pneumatic caulking gun.

Cleaning: Clean with White Spirit or Soudal Surface Cleaner immediately after use (before curing).

Finishing: With a soapy solution or Soudal Finishing Solution before skinning.

Repair: With the same material

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.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label for more information.

Remarks

- Do not use on natural stones like marble, granite,...(staining). Use Soudal Silirub MA or Silirub+ S8800 for this application.
- Given the great diversity of possible surfaces it is recommended to do an adhesion test prior to application.
- In an acid environment or in a dark room, white silicone can slightly turn yellow. Under the influence of sunlight it will 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 product in full sunlight as it will dry very fast.

Environmental clauses

Lead regulation:

Silirub 612 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.

Remark: This technical data sheet replaces all previous versions. The directives 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. Soudal reserves the right to modify products without prior notice.