

Silirub+ S7000

Revision: 2/08/2013

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Technical data

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	20 ± 5 Shore A
Density	1,00 g/ml
Elastic recovery (ISO 7389)	> 90 %
Maximum allowed distortion	25 %
Temperature resistance	-60 °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

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Product description

Silirub+ S7000 is a high-quality elastic, acetic curing, one-component joint sealant based on silicones.

Properties

- Very easy to apply
- No filamenting - can be shaped and finished very well
- Typical acetic smell
- Colourfast and UV resistant
- Weatherproof
- Permanent elastic after curing
- Excellent adhesion on glass, ceramic, enamel and galvanised metals
- Impervious to mould, contains DCOIT (biocide with fungicidal action)
- 25% maximum allowed distortion
- Solvent, halogen, acid and isocyanate free.
- Resistant against usual household cleaners and disinfectants

Applications

- Permanent elastic sealing in bathroom, kitchen, air conditioning and ventilation systems.
- Connection joints between wall and bath tubs or shower bases.
- Joints in building products from aluminum and finished materials.

Packaging

Colour: transparent, white, old white, grey, black, basalt grey, silver grey, joint grey, lightgrey, bright grey, stonegrey, manhattan, sanitary grey, anthracite, jasmine, dust grey, medium grey, pergamon, anemone, caramel, morning grey, transparent-grey, RAL9010 (white)

Packaging: 310 ml cartridge, 400ml foil bag

Shelf life

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

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 beyond our control, no liability under this publication are accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Substrates

Substrates: all usual building substrates, Galvanised metals, ceramic tiles, aluminium, enamel, glass, ...

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

Surface preparation: Porous surfaces in water loaded applications should be primed with Primer 150. All smooth surfaces can be treated with Surface Activator.

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

- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainings will stimulate the development of fungi.

Standards

- Complies to DIN 18545 - 2

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 manual- or pneumatic caulking gun.

Cleaning: Clean with white spirit or Surface Cleaner immediately after use.

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 the packaging label for more information.

Remarks

- Because of the acid nature, certain metals (eg copper, lead) can be affected.
- Do not use on natural stone such as marble, granite, ... (staining). Use for this application Silirub + S8800.
- 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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