

# Silirub 2/S

Revision: 13/03/2014

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## Technical data

Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (20°C / 65% R.H.)	Ca. 9 min
Curing speed * (20°C / 65% R.H.)	Ca. 2 mm/24h
Hardness	25 ± 5 Shore A
Density	Ca. 1,03 g/ml (transp, brilliant white) Ca. 1,25 g/ml (colours)
Elastic recovery (ISO 7389)	> 80 %
Maximum allowed distortion	25 %
Temperature resistance	-60 °C → 180 °C
Max. tension (DIN 53504)	1,40 N/mm <sup>2</sup>
Elasticity modulus 100% (DIN 53504)	0,39 N/mm <sup>2</sup>
Elongation at break (DIN 53504)	700 %
Application temperature	5 °C → 35 °C

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

**Product description**

Silirub 2/S is a high-quality, neutral, elastic one-component silicone based joint sealant.

**Properties**

- Long open time.
- Excellent moisture and mold resistance.
- Impervious to mould, contains ZnP (biocide with fungicidal action)
- Very easy to apply
- Colourfast and UV resistant
- Permanent elastic after curing
- Very good adhesion on many materials
- Low modulus
- Corrosion free

**Applications**

- Joints in sanitary rooms (on synthetic baths and tubs) and kitchens.
- Top sealing in glazing.
- Sealing in refrigerators and container construction.
- Sealing in airconditioning systems.

**Packaging**

*Colour:* transparent, white, brilliant white, creame white, RAL9010 (white), grey-white, grey, concrete grey, basalt grey, transparentgrey, medium grey, manhattan, RAL7038 (grey), RAL9006 (aluminium-white), light ivory, jasmine, silver grey

*Packaging:* 300 ml cartridge

**Shelf life**

18 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, ceramic tiles, enamel, stainless steel, acrylic baths, glass, corian, ...

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

*Surface preparation:* Porous surfaces in water loaded applications should be primed with Primer 150. No primer needed for non-porous substrates.

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

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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**Revision: 13/03/2014****Page 2 from 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**

- Do not use on natural stones like marble, granite,...(staining). Use Soudal Silirub MA for this application.

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- Direct contact with the primary sealing of double glazing units (insulation) and the PVB-film of safety glass must be avoided.
- Do not use on polycarbonate. Use Silirub PC or Silirub AL instead.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainings will stimulate the development of fungi.

#### Standards

- Report IANESCO 3812-food label for applications in food surroundings.
- Report IANESCO 551, conformity to FDA CFR 21 §177.2600 (e)

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