

# Silirub 2

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. 5 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)<br>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)            | 1,60 N/mm <sup>2</sup>   |
| Elasticity modulus 100% (DIN 53504) | 0,38 N/mm <sup>2</sup>   |
| Elongation at break (DIN 53504)     | 800 %  |
| 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 2 is a high-quality, neutral, elastic one-component joint sealant based on fast skinning silicones.

cotta, buff, brilliant white, toffee, basalt grey,

### Properties

- Very easy to apply *Packaging:* 310 ml cartridge, 300 ml sausage,
- Colourfast and UV resistant 600 ml sausage
- Permanent elastic after curing
- Very good adhesion on many materials
- Low modulus 18 months in unopened packaging in a cool
- Corrosion free and dry storage place at temperatures between +5°C and +25°C.

### Applications

- All usual building joints with high movement. **Substrates**  
*Substrates:* all usual building substrates
- All glazing and joint works. *Nature:* clean, dry, free of dust and grease.
- Expansion joints between many different construction materials. *Surface preparation* loaded applications should be primed with : Porous surfaces in water  
Primer 150. No primer needed for non-porous substrates.
- Sealing between PVC, treated wooden and metal profiles and glass. 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.



## Compatibility with glass

Tests carried out in our laboratories show that Silirub 2 is compatible with most edge seals of insulating double glazing and conventional PVB films. External testing at TÜV Rheinland have shown no visual defects or no other inconsistencies that were found between the secondary seal or PVB film and Silirub 2 after exposure to high temperature and humidity (Report No. 12490R-a-89202273). Due to the large number of edge sealing systems on the market, it is impossible to test the compatibility of all combinations with glazing sealants.

## 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

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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.
- Direct contact with the primary sealing of double glazing units (insulation) and the PVB-film of safety glass must be avoided.

## Standards

- Belgium: ATG 1808 (NIT 107) Conform to ISO 11600 F+G 25LM
- Report IANESCO 3812-food label for applications in food surroundings.
- Report IANESCO 551, conformity to FDA CFR 21 §177.2600 (e)
- Gemany: DIN 18540 Teil 2 – DIN 18545 Teil 2 Dichtstoffgruppe E

## Environmental clauses

### *Leed regulation:*

Silirub 2 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.