

## Silirub EPDM

Revision: 8/09/2015

Page 1 from 2

### 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	1,24 g/ml
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 EPDM is a high-quality, neutral, elastic one-component joint sealant based on fast skinning silicones.

### Properties

- Very easy to apply
- Colourfast and UV resistant
- Permanent elastic after curing
- Very good adhesion on many materials
- Low modulus
- Especially developed for EPDM applications.

### Applications

- Bonding and sealing of EPDM on EPDM and other building surfaces.

### Packaging

Colour: black

Packaging: 310 ml cartridge

### Shelf life

12 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

*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®) and bituminous substrates. We recommend a preliminary compatibility test. Given the wide variety of EPDM-substrates, we always recommend a preliminary adhesion test.

### Joint dimensions

*Min. width for bonding:* 1 mm

*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

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: 8/09/2015****Page 2 from 2****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.
- Silirub EPDM is not suitable for applications with permanent water stress (eg horizontal roof sealing joints below the water level).
- Do not use on polycarbonate. Use Silirub PC or Silirub AL instead.

**Environmental clauses***Leed regulation:*

Silirub EPDM 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. She 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.

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