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**SILIRUB AC**

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**Revision: 16/05/2007****Page 1 of 2****Technical Data:**

Base	Polysiloxane
Consistency	Paste
Curing System	Moisture Cure
Skin formation (20°C/65% R.H.)	Ca. 7 min.
Curing Rate (20°C/65% R.H.)	Ca. 2 mm/24h
Hardness (DIN 53505)	25 ± 5 Shore A
Specific Gravity (DIN 53479)	Ca. 1,03 g/mL (clear) Ca. 1,25 g/mL (colours)
Temperature Resistance	-60°C to +180°C
Elastical Recovery (ISO 7389)	> 90 %
Maximum allowed Distortion	25 %
Elasticity Modulus 100 % (DIN 53504)	0,40 N/mm <sup>2</sup>
Maximum Tension (DIN 53504)	1,50 N/mm <sup>2</sup>
Elongation at Break (DIN 53504)	800 %

**Product:**

Silirub AC is a high-quality, elastical one-component joint sealant based on silicones.

**Characteristics:**

- Very easy application
- Permanent colour, UV-resistant
- Stays elastic after curing
- Very good adhesion on many materials
- Typical acetic smell

**Applications:**

Building- and construction joints  
Glazing and connection joints  
elastic joints in coldstore and container applications  
Sealings in air condition systems

**Packaging:**

*Colour:* clear, white, grey, lightbrown, brown, bronze, beige, black, teak, other colours on request  
*Packaging:* cartridge 310mL, sausages 600mL, on request sausages of 310mL

**Shelf life:**

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

**Surfaces:**

*Type:* all usual surfaces, except PVC, PE, PP, PTFE and bituminous surfaces

*State of Surface:* clean, dry, free of dust and grease

*Preparation:* apply Primer 150 for applications on porous surfaces – no primer required for non porous surfaces.

We recommend a preliminary compatibility test.

**Joint Size:**

*Minimum Width:* 5mm

*Maximum Width:* 30mm

*Minimum Depth:* 5mm

*Recommandation:* 2 x depth = width

**Application:**

*Method:* caulking gun

*Application temperature:* +5°C to +35°C

*Clean:* with white spirit immediately after use

*Finish:* with soapy water before skinning

*Repair:* with Silirub AC

Remark: 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. In every case it is recommended to carry out preliminary experiments.

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Apply the usual industrial hygiene.  
Consult the label for more information.

**Remarks:**

Due to the acetic character some metals (copper, lead) can be attacked.  
Do not use this sealant on natural stones like marble, etc. Use Silirub MA instead  
Contact between this sealant and the primary sealants of double glazed insulation windows or the PVB film of security glass should be avoided

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