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**SILIRUB N**

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**Date: 19/03/09**  
**Revision: 03/2009**

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**Technical Data:**

Base	Polysiloxane
Consistency	Stable Paste
Curing System	Moisture Cure
Skin formation (20°C, 65% r.h.)	Ca. 10 min.
Curing Rate (20°C, 65% r.h.)	Ca 2mm/24h
Hardness (DIN 53505)	Transparent and shiny colours: 22 +/-5 Shore A Matt colours: 25 +/-5 Shore A
Specific Gravity (DIN 53479)	Transparent and shiny colours: ca 1.00 g/ml Matt colours: ca 1.17g/ml
Temperature Resistance	-60°C to +120°C
Elastical Recovery (ISO 7389)	>80%
Maximum allowed Distortion	20%
Elasticity Modulus 100% (DIN 53504)	Transparent and shiny colours: ca 0.30 N/mm <sup>2</sup> Matt colours: ca 0.35 N/mm <sup>2</sup>
Maximum Tension (DIN 53504)	Transparent and shiny colours: ca 1.1 N/mm <sup>2</sup> Matt colours: ca 1.3 N/mm <sup>2</sup>
Elongation at Break (DIN 53504)	700%

**Product:**

Silirub N is a neutral cure, fully elastic one-component joint sealant based on silicones.

**Characteristics:**

- Very easy application
- Permanent colour, UV-resistant
- Stays permanently elastic after curing
- Very good adhesion on many materials
- Low modulus

**Applications:**

Building- and construction joints  
Top sealing at glazing jobs  
Expansion joints between various building materials  
Sealing between treated wood and glass  
Sealing between PVC and glass

**Packaging:**

*Colour:* many colours available, consult us for details

*Packaging:* cartridge 310mL, on request sausages 300mL and 600mL

**Shelflife:**

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

**Surfaces:**

*Type:* all usual building surfaces, except PE, PP, PFTE and bituminous surfaces  
*State of Surface:* clean, dry, free of dust and grease  
*Preparation:* apply Primer 150 on porous surfaces in water loaded applications – no primer required for non porous surfaces. We recommend a preliminary compatibility test. In contact with certain substrates such as copper or bitumen discolouring may appear as result of a chemical reaction between the materials. We recommend preliminary testing on PVC. Certain paints and powder coated aluminium profiles can have influence on the bond.

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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**Revision: 19/3/2009****Page 2 of 2****Joint Size:***Minimum Width: 5mm**Maximum Width: 30mm**Minimum Depth: 5mm**Recommendation: 2 x depth = width*

Avoid 3 surface bonds.

If the joint dimension is too small, there is risk of joint failure as the sealant cannot absorb the movement of the joint.

**Application:***Method: manual or pneumatic caulking gun**Application temperature: +5°C to +35°C**Surface temperature: +5°C to +35°C**Clean: with white spirit immediately after use**Finish: with soapy water or Soudal Smoothing*

Liquid before skinning

*Repair: with the same material*

If the joint is smoothed with a soapy solution of smoothing liquid, ensure that the surface is not in contact with this liquid as this could impair the bond. We recommend working with a smoothing tool.

**Health- and Safety Recommendation:**

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

**Remarks:**

This sealant should not be used to install double glazed windows and security glass – use Silirub PV or Silirub 2 instead.

Do not use on natural stones (marble, granite,...) – use Silirub MA instead

Because of the diversity of aluminium and PVC surfaces we recommend a preliminary adhesion test.

In a dark room the sealant may discolor. Exposure to sunlight will solve this problem

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