



## SILIRUB PS

Revision: 01/01/2021

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**Technical Data:**

Base	Polysiloxane
Consistency	Paste
Curing System	Moisture Cure
Skin formation (20°C/65% R.H.)	Transp. + bril.white: 10 min. Other colours: 9 min.
Tooling time	Transp. + bril.white: 15 min. Other colours: 10 min.
Curing Rate (20°C/65% R.H.)	Ca. 1 to 2 mm/24h
Hardness (DIN 53505)	Transp. + bril.white : 25 ± 5 Shore A Other colours: .35 ± 5 Shore A
Specific Gravity (DIN 53479)	Transp. + bril.white : 1,004 g/ml Other colours: .1,26 g/ml
Temperature Resistance	-60°C to +140°C
Elastical Recovery (DIN 7389)	> 80 %
Maximum allowed Distortion	25 %
Elasticity Modulus 100 % (DIN 53504)	Transp. + bril. White: 0,39 N/mm <sup>2</sup> Other colours: 0,50 N/mm <sup>2</sup>
Maximum Tensile Strength (DIN 53504)	Transp. + bril. White: 1,00 N/mm <sup>2</sup> Other colours: 0,90 N/mm <sup>2</sup>
Elongation at Break (DIN 53504)	Transp. + bril. White: m405% Other colours: m350%

**Product:**

Silirub PS is a neutral cure silicone sealant particularly suitable for interior & exterior sealing applications such as joints, weather sealing, connection Joints.

**Characteristics:**

- Panel/Perimeter/Project Sealant.
- Stays elastic after curing
- Good resistance to UV / ozone / vibration / moisture / airborne pollutants.
- Excellent weatherproofing properties.
- Easy tooling and soft extrude able properties.
- Neutral cure - RTV
- Non Slumping, can be used in overhead/vertical joints
- Excellent adhesion to most of the substrates including metals, aluminium, concrete, steel, glass, wood, stone and masonries.

**Applications:**

- Telecom Shelters, uPVC Profiles, aluminium fenestration, door & window frames, ACP glass, brick, concrete, wood.
- Building- and construction joints
- Topsealing between treated wood and glass and between PVC and glass or aluminium and glass.
- Sealing between PVC and glass

**Packaging:**

*Colour:* transparent, brilliant white, black, grey, ivory

*Packaging:* cartridge 280ml, on request sausages of 600ml

**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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**Shelf life and storage:**

12 months from date of manufacturing in unopened packaging stored in a cool and dry place at recommended temperatures between +5°C and +25°.

**Health- and Safety Recommendation:**

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

**Surfaces:**

*Type:* all usual building 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. Surface Activator should be used to enhance adhesion to non porous surfaces.

We recommend a preliminary compatibility test.

**Joint Size:**

*Joints in window glass and in window connections*

*Top sealing* = minimal width 4 mm, depth at least 6 mm.

*Minimal width window connection joints:* 10 mm.

Weatherseal and other application

Joint recommendation

Joint width	Joint depth
5-10mm	5mm
10-30mm	depth=1/2 * 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 PS

**Remarks:**

This sealant should not be used in contact with PVB-films or in contact with the sealing of double glass windows and security glass. For that application we recommend Silirub WSL+.

Do not use on natural stones (marble, granite,...)

For this application we recommend Silirub NS-W.

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