

# SILIRUB PS

Revision: 1/04/2024

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## Technical Data

Basis	Polysiloxane
Consistency	Paste
Curing System	Moisture Cure
Specific Gravity (g/ml)	Ca:1.01±0.05
Skin formation time (20 °C/65% R.H) (min)	Ca. 10-15
Tack free time (20 °C/65% R.H) (min)	Ca. ≤15
Curing Rate (20 °C/65% R.H) (mm/24h)	Ca. 2
Hardness, shore A, Points (ISO 868)	Ca. 25±5
Tensile Strength (N/mm <sup>2</sup> ) (ISO 37)	1.55
Elongation at Break (%) (ISO 37)	≥400
Maximum allowed Distortion (%)	20
Elasticity Mouduls 100% (N/mm <sup>2</sup> )	Ca. ≤0.44
Elastical Recovery (%) (ISO 7389)	> 80
Temperature Resistance (°C)	-50 to +150
Application Temperature (°C)	+5 to +35

\*These values may vary depending on environmental factors such as temperature, moisture and the type of substrate.

\*\*This information relates to fully cured products.

### Description:

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

### Properties:

- Panel / perimeter / project sealant
- Stays elastic after curing
- Good resistance to UV / ozone / vibration / moisture / airborne pollutants
- Excellent weather proofing properties
- Easy tooling and soft extrude able properties
- Non slumping, can be used in overhead / vertical joints

### Packaging:

Colour : Clear, Black, Brilliant white  
Packaging: Cartridge 280ml, Sausage 280ml, 560ml

### 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

### 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 Recommendations:

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

### Substrates:

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 = minimum width 4 mm, depth at least 6 mm.

Miniman width window connection joints : 10 mm.

**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.

**Soudal India Pvt. Ltd.**

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Joint recommendation

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

**Application Method:**

Method: caulking gun

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

Clean: with white spirit immediately after use

Finish: with soapy water before skinning

**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 989.
- Do not use on natural stones (marble, granite etc.) for this application we recommend Soudaseal 212 CS.

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