

SILIRUB AP

Revision: 01/05/2017

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Technical Data:

Base	Polysiloxane	
Consistency	Paste	
Curing System	Moisture Cure	
Skin formation (20°C/65% R.H.)	Ca. 9 min.	
Tooling time	Ca. 15 min.	
Curing Rate (20°C/65% R.H.)	Ca. 1 to 2 mm/24h	
Hardness (DIN 53505)	21 ± 5 Shore A	
Specific Gravity (DIN 53479)	Ca. 1,18 g/ml	
Temperature Resistance	-40°C to +120°C	
Elastical Recovery (DIN 7389)	> 80 %	
Maximum allowed Distortion	25 %	
Elasticity Modulus 100 % (DIN 53504)	0,44 N/mm²	
Maximum Tension (DIN 53504)	0,98 N/mm²	
Elongation at Break (DIN 53504)		
Electrical Properties – Cured 7 days at 23°C and 50% Relative Humidity		
Dielectric Strength (ASTM-D149)	kV/mm	18
Volume Resistivity (ASTM-D257)	ohm-cm	5,40E+14

Product:

Silirub AP - All Purpose is a high performance silicone sealant with outstanding Sealing properties to porous & non – porous substrates.

Characteristics:

- Permanent color, UV-resistant
- Stays elastic after curing
- Non-sag, Paste consistency.
- Excellent adhesion to most common industrial and building materials
- Solution to eliminate leakages in wind screens, tail lights and fixed glass panels.
- Maintains a flexible tight seal and safe to use on the most common paints.

Applications:

Automotive / Bus, concrete, brick masonry , uPVC profiles, aluminium & hardware applications
Building- and construction joints
Top sealing between treated wood and glass and between PVC and glass or aluminium and glass.

Packaging:

Colour: clear, white, black
Packaging: cartridge 280ml

Shelf life and storage:

12 months from date of manufacturing in unopened packaging stored in a cool and dry place at 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.

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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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 AP

Remarks:

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

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

For this application we recommend Silirub MA.

We recommend a preliminary adhesion test.

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