
SILIRUB WS

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Base	Polysiloxane
Consistency	Thixotropic paste
Curing System	Moisture Cure
Skin formation	10 min (20°C/65% R.H.)
Curing Rate	2 mm/24h (20°C/65% R.H.)
Hardness	25 ± 5 Shore A
Specific Gravity	1,14 g/ml
Temperature Resistance	-60°C to +180°C
Elastic Recovery	> 80%
Maximum allowed Distortion	50% (+/- 25%)
Elasticity Modulus 100%	0,34 N/mm ² (DIN 53504)
Maximum Tension	1,36 N/mm ² (DIN 53504)
Elongation at Break	> 900 % (DIN 53504)

Product:

Silirub WS is a high-quality neutral cure, highly elastic one-component joint sealant based on silicones. It has been developed for weather sealing of expansion joints in the façade industry.

Characteristics:

- Very easy application
- Permanent colors, UV-resistant
- Stays elastic after curing
- Very good adhesion on many materials
- Low modulus according to ISO standards
- Resistant against UV-radiation, rain, frost, wind, ozone and extreme temperatures

Applications:

- Weatherseal in curtain wall applications
- Ideal for expansion, perimeter, connection and other movement joints between various building materials
- Excellent adhesion properties on glass, laminated glass, coated aluminium, galvanised steel, concrete and masonry
- Compatible with double glazed window units

Packaging:

Colour: black

Packaging: cartridge 310 ml, foil bag 600 ml

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 porous and non-porous building surfaces

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

Preparation: porous surfaces in water loaded applications should be primed with Primer 150 – no primer required for non-porous surfaces. Surface Activator should be used to enhance adhesion to non-porous surfaces.

Due to the wide variety materials used in façade technology a preliminary compatibility test is necessary.

Joint Size / Application Dimensions:

Minimum Width: 5 mm

Maximum Width: 30 mm

Minimum Depth: 5 mm

Recommendation: 2 x depth = width

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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Application:

Method: caulking gun

Application temperature: +1°C to +30°C

Clean: with white spirit immediately after use

Finish: with soapy water before skinning

Repair: with Silirub WS

Health- and Safety Recommendation:

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

Remarks:

Chemically completely neutral

Comments:

- Due to the wide variety of materials used in façade technology a preliminary compatibility test is necessary
- When applied as “weather seal” in curtain wall applications, compatibility with powder-coated aluminum needs to be established. Soudal Surface Activator will improve adhesion on powder-coated aluminum.

Technical Norms/Conforms with:

- Meets ISO 11600 G 25 LM
- Meets ASTM C-920 Type S, Grade NS Class 25, Use NT, G, A and O.

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