



SILIRUB WSL+

Revision: 01/0%201*

Page 1 of 2

Technical Data:

| | |
|----------------------------|------------------------------------|
| Base | Polysiloxane |
| Consistency | Thixotropic paste |
| Curing System | Moisture Cure |
| Skin formation | 10-15 min (20°C/65% R.H.) |
| Tooling time | Ca. 30 min. |
| Curing Rate | 2 mm/24h (20°C/65% R.H.) |
| Hardness | 25 ± 5 Shore A |
| Specific Gravity | 1,30 g/ml |
| Temperature Resistance | -60°C to +180°C |
| Elastic Recovery | > 80% |
| Maximum allowed Distortion | 30% |
| Elasticity Modulus 100% | 0,50 N/mm ² (DIN 53504) |
| Maximum Tension | 1,27 N/mm ² (DIN 53504) |
| Elongation at Break | > 700 % (DIN 53504) |

Product:

Silirub WSL+ 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:

- Compatible with laminated glass
- Compatible with secondary sealants based on polysulfide and silicone in dual-sealed insulating glass units
- 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
- Excellent adhesion properties on glass, laminated glass, coated aluminium, galvanised steel, aluminium composite panels (ACP), stones, concrete and masonry

Applications:

- Weatherseal in curtain wall applications
- Ideal for expansion, perimeter, connection and other movement joints between various building materials
- Compatible with double glazed window units

Packaging:

Colour: grey, black

Packaging: cartridge 300ml, foil bag 600ml

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°.

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.

McCoy Soudal Sealants Adhesives & Foams Pvt. Ltd.

McCoy Corporate Tower, C-55, Okhla Industrial Area, Phase-1, New Delhi - 110020 (INDIA)

Tel.: +91 11 40623344 (100 lines) | Fax: +91 11 40623355

Website: www.mccoysoudal.com | Email: info@mccoysoudal.com

1800-121-6569 (Toll Free)



SILIRUB WSL+

Revision: 01/01/2016

Page 2 of 2

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.

Joint dimensions

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: +1°C to +35°C

Clean: with white spirit immediately after use

Finish: with soapy water before skinning

Repair: with Silirub WSL+

Health- and Safety Recommendation:

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

Remarks:

Chemically completely neutral

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

Comments:

- Not suitable for use as structural glazing adhesive
- Do not use this sealant on natural stones like marble, etc. For this application we recommend Silirub NS-W
- 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 T,NT, A, and G

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.

McCoy Soudal Sealants Adhesives & Foams Pvt. Ltd.

McCoy Corporate Tower, C-55, Okhla Industrial Area, Phase-1, New Delhi - 110020 (INDIA)

Tel.: +91 11 40623344 (100 lines) | Fax: +91 11 40623355

Website: www.mccoysoudal.com | Email: info@mccoysoudal.com

1800-121-6569 (Toll Free)