

SILIRUB COLOR

Revision: 1/04/2024

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Technical Data

Basis	Polysiloxane
Consistency	Paste
Curing System	Moisture Cure
Specific Gravity (g/ml)	Color:1.37
Skin formation time (20 °C/65% R.H) (min)	Ca. 9
Curing rate (20 °C/65% R.H) (mm /24h)*	Ca. 2
Hardness, Shore A, Points (ISO 868)**	30±5
Tensile Strength (N/mm ²) (ISO 37)**	Ca. 1.00
Elongation at Break (%) (ISO 37)**	≤800
Maximum allowed Distortion (%)	25
Elastic Recovery (ISO 7389)**	>80
Elasticity Modulus 100% (N/mm ²) (ISO 37)**	Ca. ≤0.44
Temperature Resistance (°C)	-60 → 150
Application Temperature (°C)	+5 → +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 Color 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 extrudeable properties
- Neutral cure - RTV
- Low modulus
- MEKO free (Methyl ethyl ketoxime)
- Very good resistance to ageing

Packaging:

Colour: RAL 8017, 8007, Ivory, Light grey, RAL 7006, 7016

Packaging: cartridge 280ml, on request sausages of 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
- For sealing of joints in sanitary & other moist rooms

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°C.

Health and Safety Recommendations:

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

Substrates:

All usual building substrates, glass, aluminium, wood, steel ST1403, plastics, concrete, brick, ceramic tiles
Nature: rigid, clean, dry, free of dust and grease.

Surface preparation: Silirub Color has a good adhesion to most substrates. However, for optimal adhesion and in critical applications, such as joints exposed to extreme weather conditions, high or water-loaded joints, we recommend to follow a pre-treatment procedure. Prepare non-porous surfaces with a Soudal activator or cleaner (see Technical Data Sheet). Porous surfaces should be

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primed with Primer 150.

We recommend a preliminary adhesion and compatibility test on every surface. Not suitable for PE, PP, PTFE (eg Teflon®), bituminous substrates, copper or copper-containing materials such as bronze and brass. Given the wide variety of coatings on substrates, a preliminary adhesion test is always required.

When glazing: clean frame and glass surfaces that come into contact with sealant.

Joint Size:

Joints in window glass and in window connections
Top sealing = minimal width 5mm, depth at least 6mm.

Minimal width window connection joints: 10mm.

Weatherseal and other application.

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

Repair: with Silirub Color

Remarks:

- Do not use on natural stones like marble, granite, (staining) use Soudalseal 212 CS.
- A total absence of UV can cause a color change of the sealant.
- In an acid environment or in a dark room, a sealant can slightly turn yellow. Under the influence of sunlight it can turn back to its initial colour.
- We strongly recommend not to apply the finishing solution in full sunlight as it will dry very fast in these circumstances.
- When finished with a finishing solution or soapy solution, make sure that the surfaces are not touched by this solution. This will cause the sealant not to adhere to that surface. Therefore we recommend to

only dip the finishing tool in this solution.

- Do not use in applications where continuous water immersion is possible.

Standards and Certificates:

Complies with ISO 11600 F 25 LM

Meets ISO 11600 G 25 LM

Environmental Clauses:

Leed regulation: Silirub Color conforms to the requirements of LEED. Low Emitting Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC content.

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