

# SILIRUB 2S

Revision: 1/04/2024

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## Technical Data

Basis	Polysiloxane
Consistency	Stable paste
Curing System	Moisture curing
Specific Gravity	Ca. 1.20
Skin formation time (23°C/50% R.H.) (min)*	Ca. 10
Curing speed (23°C/50% R.H.) (min)*	Ca. 2
Hardness Shore A Points (ISO 868)**	16 ± 5
Tensile strength (N/mm <sup>2</sup> )(ISO 37)**	Ca. 1.10
Elongation at break (ISO 37) (%)**	>800
Elasticity modulus 100% (ISO 37)(N/mm <sup>2</sup> )**	Ca. 0.27
Maximum allowed distortion (%)	25
Elastic recovery (ISO 7389) (%)**	>80
Temperature Resistance (°C)**	-60 → 180
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.

### Descriptiton:

Silirub 2S is a high-quality, neutral, elastic one component silicone based joint sealant.

### Properties:

- Excellent moisture resistance
- Neutral curing
- Low modulus
- Impervious to mould, contains biocide with fungicidal action
- Very easy to apply
- UV-resistant
- Permanently elastic after curing
- Very good adhesion on many materials
- Very good resistance to ageing
- Not paintable
- Not suitable for natural stone
- MEKO free

### Packaging:

Colour: White

Packaging: 300 ml Cartridge

### Applications:

- Joints in sanitary rooms (on synthetic baths and tubs) and kitchens
- Top sealing in glazing

- Sealing in cold store rooms and container construction
- Sealing in airconditioning systems

### Shelf Life and Storage:

18 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

### Health and Safety Recommendations:

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information. Dangerous. Respect the precautions for use.

### Substrates:

Substrates: all usual building substrates, ceramic tiles, enamel, stainless steel, acrylic baths, glass, corian, Nature: rigid, clean, dry, free of dust and grease. Surface preparation: Silirub 2S 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 primed with Primer 150. There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates. We recommend a preliminary adhesion and compatibility test on every surface.

**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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**Revision: 1/04/2024****Page 2 of 2****Application Method:**

Apply the product by means of a manual, battery or pneumatic - caulking gun. Apply Silirub 2S evenly without air inclusions into the joint. Smoothen the joint with a spatula with the help of finishing solution. Avoid that soapy solution comes between the joint edges and sealant (to prevent adhesion loss).

Application method: With a manual, pneumatic or accu caulking gun.

Cleaning: Clean with Soudal Surface Cleaner or with Soudal Swipex, immediately after use Cured Silirub 2S can only be removed mechanically.

Finishing: With a soapy solution or Soudal Finishing Solution before skinning.

Repair: With the same material.

**Joint Dimension:**

Min. width for joints: 5 mm

Max. width for joints: 30 mm

Min. depth for joints: 5 mm

Recommendation sealing jobs: joint width = 2

x joint depth.

**Remarks:**

- Do not use on natural stones like marble, granite etc. (staining). Use Soudal Silirub MA or Soudaseal 212 CS for this application
- Do not use on polycarbonate. Use Silirub
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainings will stimulate the development of fungi.
- A total absence of UV can cause a color change of the sealant.
- Discoloration due to chemicals, high temperatures, UV-radiation may occur. A change in color does not affect the technical properties of the product.
- 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

- Not suitable for bonding aquariums
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discolouration and loss of adhesion

**Standards and Certificates:**

- IBE-BVI Direct Food Contact EU Reg. Nr. 1953-2004 - EN 1186-1 Report CFP- 13.009C
- Report IANESCO 3812-food label for applications in food surroundings
- Report IANESCO, conformity to FDA CFR 21 §177.2600 (e)

**Environmental Clauses:**

Leed regulation: Silirub 2S 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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