A Zotefoams plc brand

T-FIT® Clean
Recommended Sealant

T-FIT® INSULATION

Fit to perform. **Fit** to last

Silirub 2/S

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

Product description

Item code: SUN901

Technical data	
Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (23 °C/50% R.H.)	Ca. 9 min
Curing speed * (23 °C/50% R.H.)	Ca. 2 mm/24h
Hardness**	25 ± 5 Shore A
Density**	Ca. 1,03 g/ml (transp, brilliant white Ca. 1,25 g/ml (colours)
Elastic recovery (ISO 7389)**	> 80 %
Maximum allowed distortion	25 %
Max. tension (ISO 37)**	Ca. 1,25 N/mm²
Elasticity modulus 100% (ISO 37)**	Ca. 0,39 N/mm²
Elongation at break (ISO 37)**	> 700 %
Temperature resistance**	-60 °C → 180 °C
Application temperature	5 °C → 35 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.
** This information relates to fully cured product.

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

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.

Packaging
Colour: transparent, white, brilliant white, creame white, RAL9010 (white), grey-white, grey, concrete grey, basalt grey, transparentgrey, medium grey, manhattan, RAL7038 (grey), RAL9006 (aluminium-white), light ivory, jasmine, silver grey Packaging: 300 ml cartridge

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

Chemical resistance
Resistant to intermittent exposure to salt water, detergents, oils, weak acids and bases (preliminary test required). Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

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 2/S 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.

Joint dimensions
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.

Application method
Apply the product by means of a manual-, battery- or pneumatic- caulking gun. Apply Silirub 2/S 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 2/S can only be removed mechanically.
Finishing: With a soapy solution or Soudal Finishing Solution before skinning. Repair: With the same material.

Health- and Safety Recommendations
Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks
- Do not use on natural stones like marble, granite,... (staining). Use Soudal Silirub MA or Silirub+ S8800 for this application.
- Do not use on polycarbonate. Use Silirub PC instead.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainigs 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 white sealant can slightly turn yellow. Under the influence of sunlight it will turn back to its initial colour.
- We strongly recommend not to apply the product in full sunlight as it will dry very fast.
- 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 551, conformity to FDACFR 21 § 177.2600 (e)

Environmental clauses
Leed regulation:
Silirub 2/S 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.

Liability
The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

Remark: This technical data sheet replaces al previous versions. 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. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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UK Authorised Economic Operator

Quality
FM 01870
ISO 9001:2015

Safety
OHS 52538
ISO 45001: 2018

Environment
EMS 36270
ISO 14001:2015

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