

Soudal Stay Fresh

Revision: 19/01/2018

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Technical data

Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (20°C / 65% R.H.)	Ca. 9 min
Curing speed * (20°C / 65% 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 (DIN 53504)	1,40 N/mm ²
Elasticity modulus 100% (DIN 53504)	0,39 N/mm ²
Elongation at break (DIN 53504)	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.

Product description

Soudal Stay Fresh is a high-quality, neutral, elastic one-component silicone based joint sealant.

Properties

- Long open time.
- Excellent moisture and mold resistance.
- Impervious to mould, contains ZnP (biocide with fungicidal action)
- Very easy to apply
- Colourfast and UV resistant
- Permanently elastic after curing
- Very good adhesion on many materials
- Low modulus
- Corrosion free

Applications

- Joints in sanitary rooms (on synthetic baths and tubs) and kitchens.
- Top sealing in glazing.
- Sealing in refrigerators and container construction.
- Sealing in airconditioning systems.

Packaging

Colour: transparent, brilliant white, RAL1015 (ivory)
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.

Substrates

Substrates: all usual building substrates, ceramic tiles, enamel, stainless steel, acrylic baths, glass, corian, ...

Nature: clean, dry, free of dust and grease.

Surface preparation: Porous surfaces in water loaded applications should be primed with Primer 150. No primer needed for non-porous substrates.

There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates. We recommend a preliminary adhesion test on any substrate.

Remark: This technical data sheet replaces all 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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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

Application method: With manual- or
pneumatic caulking gun.

Cleaning: Clean with White Spirit or Soudal
Surface Cleaner immediately after use (before
curing).

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 the packaging label for more
information.

Remarks

- Do not use on natural stones like marble, granite,...(staining). Use Soudal Silirub MA or Silirub+ S8800 for this application.
- Direct contact with the secondary sealing of insulating glass units (insulation) and the PVB-film of safety glass must be avoided.
- 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 remainings will stimulate the development of fungi.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.

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