Soudaseal SL

Technical data

Basis	SMX Hybrid Polymer
Consistancy	Tixotropic liquid
Curing system	Moisture curing
Skin formation* (20°C / 65% R.H.)	Ca. 10 min
Curing speed * (20°C / 65% R.H.)	3 mm/24h
Hardness	30 ± 5 Shore A
Density	1,48 g/ml
Elastic recovery (ISO 7389)	> 70 %
Maximum allowed distortion	± 20 %
Temperature resistance	-40 °C → 90 °C
Max. tension (DIN 53504)	1,49 N/mm²
Elasticity modulus 100% (DIN 53504)	0,53 N/mm²
Elongation at break (DIN 53504)	600 %
Application temperature	5 °C → 35 °C

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Product description
Soudaseal SL is a high quality, neutral, elastic, 1-component selfleveling sealant based on SMX-Polymer.

Properties
- Very easy to apply
- Self-leveling
- High adhesive strength
- Stays elastic after curing.
- No odour
- Can be painted with water based systems

Applications
- Sealing in construction and metal industry.
- Sealing of hidden connections between several panels in automotive applications.

Packaging
Colour: white
Packaging: 600 ml sausage

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

Chemical resistance
Good resistance to water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis and (salt) water. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

Substrates
Substrates: all usual building substrates, metals, aluminium, plastics, stone, treated wood, PVC, ...
Nature: clean, dry, free of dust and grease.
Surface preparation: All smooth surfaces can be treated with Surface Activator. Porous surfaces in water loaded applications should be primed with Primer 150.
We recommend a preliminary adhesion test on every surface. There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.

Application method
Application method: With manual- or pneumatic caulking gun.
Cleaning: Clean with white spirit or Surface Cleaner immediately after use.
Finishing: None
Repair: With the same material

Soudaseal SL

Health- and Safety Recommendations
Take the usual labour hygiene into account.
For more information see Material Safety Data Sheet.

Remarks

- Soudaseal SL may be overpainted with water based paints, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application.
- The drying time of alkyd resin based paints may increase.
- Soudaseal SL can not be used as a glazing sealant.
- A total absence of UV can cause a color change of the sealant.

Environmental clauses
Leed regulation:
Soudaseal SL 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. She 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.