

SOUDAFLEX 14LM

Date: 04/10/11

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Technical Data:

Base	Polyurethane
Consistency	Stable Paste
Curing System	Moisture Cure
Skin formation (20°C/65% R.H.)	Ca. 120 min.
Curing Rate (20°C/65% R.H.)	1,5 mm/24h
Hardness (Shore A)	14 ± 5 Shore (A)
Shrinkage	Max. 4%
Specific Gravity	1,22 g/mL
Temperature Resistance	-30°C to +90°C
Elastic Recovery	>80%
Maximum Allowed Distortion	25%
Elasticity Modulus 100% (DIN 53504)	0,20 N/mm ²
Maximum Tension (DIN 53504)	1,80 N/mm ²
Elongation at Break (DIN 53504)	>800%

Product:

Soudaflex 14LM is a high quality, elastic, one component sealant based on polyurethane.

Characteristics:

- Very easy application
- Stays elastic after curing
- Very good adhesion on many materials
- Excellent resistance to UV radiation
- Low modulus

Applications:

All usual building joints with high movement
Connection joints between window- and doorframes and walls
Expansion joints between many different construction materials
Joints with large movement

Packaging:

Colour: white, concrete grey, light brown, dark brown, dark beige, other colours on request
Packaging: aluminium cartridge 310mL, sausages 300mL and 600mL

Shelflife:

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

Surfaces:

Type: all usual building surfaces, most metals and many plastics – not on glass
State of Surface: clean, dry, free of dust and grease
Preparation:

- In very warm and moist climates we recommend the use of Primer 100 for applications on porous surfaces,
- No primer required for non-porous surfaces.
- Non porous surfaces may be activated by Surface Activator

We recommend a preliminary compatibility test.

Joint Size:

Minimum Width: 5mm
Maximum Width: 30mm
Minimum Depth: 5mm
Recommendation: 2 x depth = width

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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Application:

Method: caulking gun

Application temperature: +1°C to +30°C

Clean: with white spirit immediately after use

Repair: with Soudaflex 14LM

Health- and Safety Recommendation:

Apply the usual industrial hygiene.

Pre-test for Adhesion:

Pre-testing for adhesion is intended to eliminate potential field problems. This testing will aid in determining the proper surface preparation method

Remarks / Application Limitations

- When painted with oxidative drying paints disturbances in the drying of the paint may occur.
- Because of the diversity of paints available we recommend to do compatibility tests before application
- Please note that the sealant is elastic, most paints are not. Therefore the painted surface may crack in joints with movement.
- Soudaflex 14LM must not be applied to frost-bearing surfaces or if temperature will be below freezing
- The suitability of this product, for each intended use, must be determined by the purchaser prior to acceptance.

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