

Soudal Acryl Flex

Revision: 13/11/2023

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Technical data

Basis	Acrylic dispersion
Consistency	Paste
Curing system	Physical drying
Skin formation* (23°C/50% R.H.)	Ca. 20 min
Density	Ca. 1,65 g/ml
Maximum allowed distortion	Ca. 12 %
Temperature resistance**	-20 °C → 80 °C
Application temperature	5 °C → 30 °C
Shrinkage	Ca. 15% (DIN 52451)

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

Product description

Soudal Acryl Flex is a high-quality, plasto-elastic one-component joint sealant based on acrylic dispersions

Properties

- Very easy to apply
- Colourfast and waterproof after curing
- Can be painted over after curing
- Very good adhesion on many porous surfaces and aluminium

Applications

- Joints with movement till max. 12,5%
- Connection joints in building industry.
- Joints on window sills, between plinths and walls, between masonry, ...

Packaging

Colour: white, grey, brown, black
Packaging: 310 ml cartridge, 600 ml foil bag

Shelf life

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

Substrates

Substrates: all common porous building substrates

Nature: clean, free of dust and grease.

Surface preparation: Highly porous surfaces should be primed with diluted Soudal Acryl

Flex (1 part Soudal Acryl Flex + 2 parts water).

We recommend a preliminary adhesion test on every surface. Not suitable for natural stone, bitumen, glass and corrosive metals.

Joint dimensions

Min. width for joints: 5 mm

Max. width for joints: 20 mm

Min. depth for joints: 5 mm

Recommendation sealing jobs: joint width = joint depth. Use PE backer rods before applying the sealant in large joints to avoid 3-point adhesion.

Application method

Do not apply when rain or frost is imminent during curing process.

Application method: With manual- or pneumatic caulking gun. Finish with a spatula or putty knife.

Cleaning: Before curing, Soudal Acryl Flex can be removed with water from tiles and tools.

Finishing: Finish with a spatula or putty knife.

Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account.

Consult the packaging label for more information.

Dangerous. Respect the precautions for use.

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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Remarks

- Do not use in applications where continuous water immersion is possible.
- Paintable with most paints.
- The paint must be sufficiently elastic to allow application on a plasto-elastic sealant.
- Given the great diversity in available paints it is recommended to do a compatibility test prior to application.
- In packaging, temporarily frost resistant down to -18°C .

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