

ALL WEATHER FLEX GAP FILLER

Technical Data

Basis	Acrylic dispersion
Consistency	Paste
Curing system	Physical drying
Skin formation* (20°C/65% R.H.)	Ca. 20 min
Density	Ca. 1.50 g/mL
Maximum allowed distortion	12.5 %
Shrinkage (DIN52451)	Ca. 15%
Temperature resistance**	-20 °C → 80 °C
Application temperature	5 °C → 30 °C

* 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 All Weather Flex Gap Filler is a high-quality plasto-elastic one-component joint sealant based on acrylic dispersion.

Properties

- Very easy to apply
- Colourfast and waterproof after drying
- Can be painted over after drying
- Very good adhesion on many porous surfaces and aluminium
- Good weather and UV resistance after drying
- Interior and exterior use
- Paintable after 30 minutes with water based paint

Applications

- Joints with movement till max 12.5%
- Connection joints in building industry
- Finishing of seams and gaps on porous surfaces which need be painted.
- Gaps between door frames and plasterwork or plasterboards.
- Joints on window sills, between plinths and walls, between masonry, ...
- Finishing of various board and ceiling lists and decorative elements such as mouldings.
- For filling and repair of cracks and drilling holes in walls and ceilings (plasterboard, concrete, stone).
- Sealing skirting boards, cornices, window frames, staircases, architraves, trims and coving.

Packaging

Colour: white

Packaging: 300 mL cartridge

Shelf life

At least 12 months in original, unopened packaging in a cool and dry storage place with temperature between +5°C and +25°C. Protect from frost.

Substrates

Substrates: all usual porous building substrates, including timber, MDF, particle board, plywood, fibre cement sheet, plasterboard, concrete, masonry including brick and block work, cement render, tiles, ceramics, aluminium, etc...

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

Surface preparation: For optimal adhesion and in critical applications, we recommend to follow a pretreatment procedure. Prepare highly porous surfaces with a diluted All Weather Flex Gap Filler. Add 1 part All Weather Flex Gap Filler with 2 parts water.

We recommend a preliminary adhesion and compatibility test on every surface.

Joint dimensions

	JOINT		BONDING
	Width	Depth	Width
Min	5 mm	5 mm	NA
Max	20 mm	10 mm	NA
Recommendation for sealing: width = depth			
Use PE backing rod in large joints to avoid 3-point adhesion.			

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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Application method

Refer to the current Technical Data Sheet on our website prior to use.

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 filling knife.

Cleaning: Clean with water or with Soudal **Swipex**, immediately after use. Cured All Weather Flex Gap Filler can only be removed mechanically.

Finishing: With water before skinning.

Repair: With the same material.

Painting: use sufficient flexible sealant when painting

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and safety data sheet (SDS) for more information.

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.

Environmental clauses

Leed regulation:

Fill & Paint Gap Filler 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.

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