



Fix ALL® Flexi is a multi use sealant, adhesive and filler. Can be applied in all weather conditions (including moist surfaces), internally and externally. No solvents or odour. Primerless adhesion on most materials. Over paintable with most paints. Non-staining on porous natural stones. Suitable for sanitary applications.

Features & Benefits

- Flexible to 750%
- Can be painted immediately after application, even with water-based paints.
- Easy to apply in all conditions
- Bonds even onto humid surfaces
- UV stable
- Does not smell
- Solvent free
- Fast curing
- No primer needed

Applications

Fix ALL® Flexi is the perfect product for all your bonding and sealing jobs, such as: sealing your shower, bonding skirting-boards, repairing leaks (even under water), bonding of paintings and mirrors to walls, filling of cracks, and many more.

Technical data

Basis	SMX Hybrid Polymer
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (23°C/50% R.H.)	Ca. 10 min
Curing speed * (23°C/50% R.H.)	2 mm/24h → 3 mm/24h
Hardness**	40 ± 5 Shore A
Density	1,67 g/ml
Elastic recovery (ISO 7389)**	> 75 %
Maximum allowed distortion (ISO 11600)	± 20 %
Max. tension (ISO 37)**	1,80 N/mm ²
Elasticity modulus 100% (ISO 37)**	0,75 N/mm ²
Elongation at break (ISO 37)**	750 %
Temperature resistance**	-40 °C → 90 °C
Application temperature	5 °C → 35 °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

Fix ALL Flexi is a high quality, neutral, elastic, 1-component construction joint and adhesive sealant based on SMX Hybrid Polymer.

Properties

- Good extrudability
- Stays elastic after curing and very durable
- Excellent adhesion on nearly all surfaces, even if slightly moist.
- Can be painted with water based systems
- No odour
- Very low emission, EC1+ certified
- Impervious to mould, contains biocide with fungicidal action
- Does not contain solvents, isocyanates, acids, halogens and toxic components, completely neutral.
- Good weather and UV resistance

Applications

- Sealing and bonding in the building and construction industry.
- Strong elastic bonding in vibrating constructions.

- Sanitary applications.
- Sealing of floor joints.
- Sealing and bonding in the building and construction industry.

Shelf life

15 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, natural stone, treated wood, PVC, plastics

Nature: rigid, clean, dry or slightly moist, free of dust and grease.

Surface preparation: Porous surfaces in water loaded applications should be primed with Primer 150. Prepare non-porous surfaces with a Soudal activator or cleaner (see Technical Data Sheet). The surfaces should be degreased before bonding them together.

Fix ALL Flexi has been tested on the following metal surfaces: steel, AlMgSi1, electrolytic galvanised steel, AlCuMg1, flame galvanised steel, AlMg3 and steel ST1403. Fix ALL Flexi has an excellent adhesion on most common substrates:





all usual building substrates, natural stone, treated wood, PVC, plastics. Fix ALL Flexi also has a good adhesion on plastics: polystyrene, polycarbonate (Makrolon®), PVC, ABS, polyamide, PMMA, fiberglass reinforced epoxy, polyester. While producing plastics very often releasing agents, processing aids and other protective agents (like protection foil) are used. These should be removed prior to bonding or sealing. For optimum adhesion the use of Surface Activator is recommended.

NOTICE: bonding plastics like PMMA (e.g. Plexi® glass), polycarbonate (e.g. Makrolon® or Lexan®) in stress loaded applications can give rise to stress cracking and crazing in these substrates. The use of Fix ALL Flexi is not recommended in these applications. Not suitable for PE, PP, PTFE (eg Teflon®), bituminous substrates, copper or copper-containing materials such as bronze and brass. We recommend a preliminary adhesion and compatibility test on every surface.

Joint dimensions

Min. width for bonding: 2 mm

Min. width for joints: 5 mm

Max. width for bonding: 10 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 Soudal Surface Cleaner or with Soudal Swipex, immediately after use

Finishing: With a soapy solution or Soudal Finishing Solution before skinning.

Repair: With the same material.