



Fix ALL® Crystal: The perfect product if you are in search of a sealant-gue with same strong properties as the Fix ALL® Classic but which is also 100% TRANSPARENT.

### Features & Benefits

- 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
- Cures fast
- No primer needed
- 100% transparent

### Applications

Fix ALL® Crystal is the perfect product for every task where bonding or sealing is necessary and where a crystal clear product is needed. For example sealing your shower, invisible bonding of glass to glass, repairing leaks (even under water), bonding of paintings and mirrors to walls, filling 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. 4 min
Curing speed * (23°C/50% R.H.)	2 mm/24h → 3 mm/24h
Hardness**	38 ± 5 Shore A
Density**	Ca. 1,05 g/ml
Elastic recovery (ISO 7389)**	> 75 %
Maximum allowed distortion (ISO 11600)	± 20 %
Max. tension (ISO 37)**	Ca. 1,80 N/mm <sup>2</sup>
Elasticity modulus 100% (ISO 37)**	Ca. 0,60 N/mm <sup>2</sup>
Elongation at break (ISO 37)**	Ca. 350 %
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 Crystal is a high quality, crystal clear, neutral, elastic, 1-component adhesive based on SMX-Polymer.

### Properties

- Crystal clear formulation
- Excellent adhesion on nearly all surfaces, even if slightly moist.
- Very good mechanical characteristics.
- Impervious to mould, contains biocide with fungicidal action
- Suitable for sanitary applications.
- Good extrudability even at low temperatures
- Free of isocyanates, solvents, halogens and acids
- Can be painted with water based systems
- Permanently elastic after curing

### Applications

- All common bonding applications, both in and outdoor.
- Sealing joints indoors.
- Transparent and elastic bonding in construction and building applications.
- Invisible bonding of glass and other transparent materials in indoor applications.
- Joints in bathrooms and kitchens

### 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, glass, treated wood, PVC, plastics, metals, stone, concrete, ...

Nature: rigid, clean, dry or slightly moist, free of dust and grease  
 Surface preparation: Porous surfaces should be primed with Primer 150. Prepare nonporous surfaces with a Soudal activator or cleaner (see Technical Data Sheet). 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.

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 Crystal is not recommended in these applications. Not suitable for PE, PP, PTFE (eg Teflon®), bituminous substrates, copper or coppercontaining materials such as bronze and brass. We recommend a preliminary adhesion and compatibility test on every surface.

### Joint dimensions

Min. width for bonding: 1 mm  
 Min. width for joints: 5 mm  
 Max. width for bonding: 3 mm  
 Max. width for joints: 10 mm  
 Min. depth for joints: 5 mm

