



FIX ALL

Date:03/02/03

Page 1 of 2

Adhesive Sealant**Technical Characteristics:**

Base	MS Polymer®
Consistency	Stable Paste
Curing System	Moisture Cure
Skin Formation (*)	Ca. 10 min. (20°C/65% R.V.)
Curing Rate (*)	2 à 3mm/24h (20°C/65% R.V.)
Hardness	45±5 Shore A
Specific Gravity	1,67g/mL
Maximum Deformation	20%
Temperature Resistance (fully cured)	-40°C until +90°C
Elasticity Modulus 100 %	1,0N/mm ² (DIN 53504)
Tear Strength	2,0N/mm ² (DIN 53504)
Elastical Recovery	>75%
Elongation at break	500% (DIN 53504)

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates

Product:

Fix All is a high quality single component joint sealant with high adhesive strength. It is based on MS-Polymer®, chemically neutral and fully elastic. For use in construction, automotive, marine and aerospace areas where a tough flexible rubber joint or adhesive with powerful bond strength is required.

Characteristics:

- High bond strength and fast cure onto nearly all surfaces
- Primerless adhesion even on damp surfaces (due to Fix All's unique adhesion promoters)
- High performance mechanical properties
- Flexible elastic rubber – movement accommodation up to 20%
- Straightforward application even in adverse conditions
- No bubble formation within sealant (in high temperature and humidity applications)
- Very easy to tool and finish
- Good extrudability even at low temperatures
- Colour stable and UV resistant
- Ecological advantages – free of isocyanates, solvents, halogens and acids
- Minimal health and safety considerations
- Can be painted with all water based paints and many other systems

- Resistance to many chemicals and withstands mould growth
- Does not stain highly porous materials such as natural stone, blue stone, marble, granite

Applications:

Sealing and bonding in the building industry
Sanitary and kitchen areas – resists mould growth
Structural bonding in vibrating constructions
Connection joints in sheet metal fabrication
Paintable gap filler and sealant
Mirror bonding direct onto the back of the mirror

Packaging:

Colour: white, black, grey, brown, other colours on request

Packaging: cartridge 290ml, foil bag 600mL on request, tube 80mL

Shelflife:

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

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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Page 2 of 2

Resistance to chemical agents:

Good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis

Poor resistance to aromatic solvents, concentrated acids, chlorinated hydrogens

Substrates:

Nature: clean, free of dust and grease

Priming: Porous surfaces should be primed with Primer 150, Surface Activator may be used on non-porous surfaces.

We recommend preliminary compatibility tests previous to application.

Joint dimensions:

Minimal width: 2mm (bonding)
5mm (joints)

Maximal width: 10mm (bonding)
30mm (joints)

Minimum depth: 5mm (joints)

Recommendation: width of joint = 2x depth of joint

Application:

Method: Manual- or pneumatic caulking gun

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

Cleaning: Fix All Cleaner immediately after application and before curing

Tooling: with soapy solution before skin formation

Repair with: Fix All

Health- and Safety Recommendation:

Apply the usual industrial hygiene.

Remarks:

- Fix All may be overpainted, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application. The drying time of alkyd resin based paints may increase.
- Due to the wide variety of possible substrates, Soudal recommends a preliminary compatibility tests.

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