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**FIX ALL**

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**Revision: 07/12/2009****Page 1 of 2****Technical Characteristics:**

Base	MS Polymer®
Consistency	Paste
Curing System	Moisture Cure
Skin Formation (*) (20°C/65% R.V.)	Ca. 10 min.
Curing Rate (*) (20°C/65% R.V.)	2 à 3 mm/24h
Hardness (DIN 53505)	40 ± 5 Shore A
Specific Gravity (DIN 53479)	1,67 g/mL
Maximum Deformation	± 20 %
Elastical Recovery (ISO 7389)	> 75 %
Temperature Resistance (fully cured)	-40°C to +90°C
Elasticity Modulus 100 % (DIN 53504)	0,75 N/mm <sup>2</sup>
Tear Strength (DIN 53504)	1,80 N/mm <sup>2</sup>
Elongation at break (DIN 53504)	750 %

(\*) 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®.

**Characteristics:**

- good applicability and toolability
- high adhesive strength
- Good adhesion to most common substrates, even on slightly wet substrates
- permanent elastic after cure
- paintable with water based paints
- Good colour stability, weather and UV resistance
- No staining on porous substrates or natural stones

**Applications:**

Sealing and bonding in the building and construction industry.  
Suitable for sanitary applications.  
Strong elastic bonding in vibrating constructions.  
Sealing of floor joints.  
Sealing and bonding of natural stone (marble, granite,...)

**Packaging:**

*Colour:* white, black, grey, brown, beige, alu grey  
*Packaging:* cartridge 290mL, tube 80mL, presspack 200 mL

**Shelflife:**

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

**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 hydrocarbons.

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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**Revision: 07/12/2009****Page 2 of 2****Substrates:**

Fix ALL has an excellent adhesion on almost all substrates. Fix ALL has been tested on the following metal surfaces: steel, AlMgSi1, brass, electrolytic galvanised steel, AlCuMg1, flame galvanised steel, AlMg3 and steel ST1403. Plastics that were tested include: polystyrene, polycarbonate (Makrolon®), PVC, ABS, polyamide, PMMA, glasfiber reinforced epoxy and polyester (GRP).

NOTICE: bonding plastics like PMMA (ie Plexi® glass), polycarbonate (ie Makrolon® or Lexan®) in stress loaded applications can give rise to stress cracking and crazing in these substrates. The use of Fix ALL is not recommended in these applications.

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. For optimum adhesion the use of Surface Activator is recommended. There is no adhesion on PE, PP, PTFE (Teflon®), silicones and bituminous substrates.

*Nature:* clean, free of dust and grease

*Priming:* Porous surfaces in water loaded applications 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:* +5°C until +35°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.

Check the packaging for more information

**Remarks:**

Fix ALL may be overpainted with water based paints, 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.

Fix ALL can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, like polycarbonate, etc, may differ from manufacturer to manufacturer, we recommend preliminary compatibility test.

This product can not be used as a glazing sealant

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