

FIX ALL HIGH TACK

Revision: 17/05/2011

Page 1 of 2

Technical Characteristics:

Base	MS Polymer®
Consistency	Paste
Curing System	Moisture Cure
Skin Formation (*) (20°C/65% R.V.)	Ca. 5 min.
Curing Rate (*) (20°C/65% R.V.)	3 mm/24h
Hardness (DIN 53505)	60 ± 5 Shore A
Specific Gravity (DIN 53479)	1,47 g/ml
Maximum Deformation	± 20 %
Elastic Recovery (ISO 7389)	> 75 %
Temperature Resistance (fully cured)	-40°C to +90°C
Elasticity Modulus 100 % (DIN 53504)	2,30 N/ mm²
Tear Strength (DIN 53504)	3,50 N /mm²
Elongation at break (DIN 53504)	400 %

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

Product:

Fix ALL High Tack is a high quality, single component joint sealant with high adhesive strength and initial tack. It is based on MS-Polymer®.

Characteristics:

- High initial tack reducing the need for initial support.
- Fast curing, quick build-up of end strength, high sheer strength after full cure (no primer)
- Easy to apply and easy to tool and finish
- Remains elastic after curing
- No odour
- Does not contain isocyanates, silicones nor solvents
- Paintable with all water based paints
- Good colour stability, weather and UV resistance
- Good adhesion on wet substrates

Applications:

Sealing and bonding in the building and construction industry.

Elastic bonding of panels, profiles and other pieces on the most common substrates (wood, MDF, chipboard, etc).

Elastic bonding in vibrating constructions.

Packaging:

Colour: white, black, grey, brown, beige, alu grey

Packaging: cartridge 290ml

Shelf life:

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: 17/05/2011**Page 2 of 2****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

Substrates:

Sort: all usual building substrates, several metals and plastics (except PP, PE, PTFE, silicones and bituminous substrates)

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 High Tack is not recommended in these applications.

We recommend preliminary tests previous to application.

Nature: clean, dry and free of dust and grease

Pre-treatment Porous surfaces in water loaded applications should be primed with Primer 150. We recommend the use of Surface Activator on non-porous materials

We recommend preliminary adhesion tests previous to application

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 High tack

Health- and Safety Recommendation:

Apply the usual industrial hygiene.

Check the packaging for more information

Remarks:

- Fix ALL High Tack may be painted, 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 High Tack can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, polycarbonate, etc... may differ from manufacturer to manufacturer, we recommend preliminary compatibility tests.
- 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.
- This product can not be used as a glazing sealant.
- Fix ALL High Tack can be used for bonding of natural stone, but it cannot be used as a joint sealant on this type of surface. Fix ALL High Tack can therefore only be used on the bottom of natural stone tiles.
- When applying, make sure not to spill any sealant on the surface of materials.

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