

FIX ALL HIGH TACK

Revision: 01/04/2024

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Technical Data

Basis	SMX Hybrid Polymer
Consistency	Paste
Curing System	Moisture cure
Specific Gravity	1.47
Skin formation time (23°C/50% R.H) (min)*	Ca. 5
Curing Rate (23°C/50% R.H) (mm/24h)*	3
Hardness, Shore A, points**	65 ± 5
Tensile Strength (N/mm ²) (ISO 37)**	3.20
Elongation at Break (ISO 37)** (%)	>400
Elasticity Modulus 100% (N/mm ²) (ISO 37)**	2.30
Maximum allowed distortion (%)	±20
Elastic Recovery (ISO 7389)**(%)	>75
Temperature Resistance (°C)	-40 ->90
Application Temperature (°C)	-5 -> 35

*These values may vary depending on environmental factors such as temperature, moisture and the type of substrate.

**This information relates to fully cured products.

Description:

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

Properties:

- High initial tack reducing the need for initial support.
- Fast curing, quick build-up of end strength, high shear strength after full cure (no primer).
- Easy to apply and easy to tool and finish.
- Remains elastic after curing.
- No odour.
- Paintable with all water based paints.
- Good colour stability, weather and UV resistant.
- 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 structural bonding in car and container industry.

Packaging:

Colour: white, black
Packaging: cartridge 290ml

Shelf life and storage:

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

Health and Safety Recommendation:

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.
Dangerous! Respect the precautions for use.

Joint Dimensions:

Min. width for bonding: 2mm
Min. width for joints: 5mm
Max. width for bonding: 10mm
Max. width for joints: 30mm
Min. depth for joints: 5mm
Recommendation sealing jobs: joint width = 2x joint depth.

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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Substrates:

All usual building substrates, treated wood, metals, 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.

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.

Application Method:

With a manual or pneumatic caulking gun.

Cleaning: Clean with Soudal Surface Cleaner or with Soudal Swipex, immediately after use Cured Fix ALL Crystal can only be removed mechanically.

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

Repair: With the same material.

Remarks:

- Fix ALL High Tack may be over painted 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 High Tack can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, like poly carbonate, etc, may differ from manufacturer to manufacturer, we recommend preliminary compatibility test.
- 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.
- Fix ALL High Tack can not be used as a glazing sealant.
- Not suitable for bonding aquariums.
- 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.

- When applying, make sure that the surface of the materials is not smudged with sealant.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainings will stimulate the development of fungi.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- Fix ALL High Tack has a good UV resistance but can discolour under extreme conditions or after very long UV exposure.
- Discoloration due to chemicals, high temperatures, UV-radiation may occur. A change in color does not affect the technical properties of the product.
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discoloration and loss of adhesion.
- Do not use in applications where continuous water immersion is possible.

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.

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