

Fix ALL High Tack Clear

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Technical data

Basis	SMX Hybrid Polymer
Consistency	Stable gel
Curing system	Moisture curing
Skin formation* (23°C/50% R.H.)	Ca. 10 min
Curing speed * (23°C/50% R.H.)	3 mm/24h
Hardness**	55 ± 5 Shore A
Density	1,08 g/ml
Maximum allowed distortion	± 20 %
Max. tension (ISO 37)**	3,50 N/mm ²
Elasticity modulus 100% (ISO 37)**	1,90 N/mm ²
Elongation at break (ISO 37)**	250 %
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 High Tack Clear is a high quality, neutral, elastic, 1-component adhesive based on SMX-Polymer with a very high initial tack.

Properties

- High initial tack reducing the need for initial support.
- Fast curing
- Very low emission, EC1+ certified
- Good extrudability
- high shear strength after full cure (no primer)
- Stays elastic after curing and very durable
- No odour.
- Does not contain isocyanates and no silicones
- Solvent free
- Good adhesion on slightly moist substrates

Applications

- Transparent and elastic bonding in construction and building applications.
- Elastic bonding of panels, profiles and other pieces on the most common substrates (wood, MDF, chipboard, etc).

Packaging

Colour: transparent

Packaging: 290 ml cartridge, other packaging on request

Shelf life

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

Chemical resistance

Good resistance to (salt)water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

Substrates

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 (see Technical Data Sheet).

Not suitable for PE, PP, PTFE (eg Teflon®),

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bituminous substrates, copper or copper-containing materials such as bronze and brass. 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 High Tack Clear is not recommended in these applications. We recommend a preliminary adhesion and compatibility test on every surface.

Application method

Application method: With a manual, pneumatic or accu caulking gun.

Cleaning: Clean with Soudal Surface Cleaner or with Soudal Swipex, immediately after use

Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Dangerous. Respect the precautions for use.

Remarks

- Fix ALL High Tack Clear 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 High Tack Clear 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.
- 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 Clear cannot be used on natural stone.

- When applying the adhesive, care must be taken not to contaminate the visible surface of the surrounding materials with the adhesive.
- Fix ALL High Tack Clear can not be used as a glazing sealant.
- Not suitable for bonding aquariums.
- Do not use in applications where continuous water immersion is possible.
- Fix ALL High Tack Clear has a good UV resistance but can discolour under extreme conditions or after very long UV exposure.
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- 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 discolouration and loss of adhesion.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.

Environmental clauses

Leed regulation:

Fix ALL High Tack Clear conforms to the requirements of LEED. Low –Emitting Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC-content.

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

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