Fix All High Tack Invisible

Technical data

Basis	SMX Hybrid Polymer
Consistancy	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/mm²
Elasticity modulus 100% (ISO 37)**	1,90 N/mm²
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 Invisible is a high quality, neutral, elastic, 1-component adhesive sealant based on SMX-Polymer with a very high initial tack.

Properties

- High initial tack reducing the need for initial support.
- Fast curing
- Good extrudability
- high shear strength after full cure (no primer)
- Stays elastic after curing and very sustainable
- No odour.
- Does not contain isocyanates and no silicones
- Solventfree
- 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

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, free of dust and grease.
Surface preparation: Porous surfaces in water loaded applications should be primed with Primer 150. All smooth surfaces can be treated with Soudal Surface Activator.
We recommend a preliminary adhesion test on every surface.

Fix All High Tack Invisible

Application method
Application method: With manual- or pneumatic caulking gun.
Cleaning: With Fix ALL Cleaner immediately after use.
Repair: With the same material

Health- and Safety Recommendations
Take the usual labour hygiene into account. Consult label for more information.

Remarks
- Fix All High Tack Invisible 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 Invisible 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 compatibilty 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 Invisible cannot be used on natural stone.
- Fix All High Tack Invisible can not be used as a glazing sealant.
- Not suitable for bonding aquariums.
- Fix All High Tack Invisible can discolour under extreme conditions or after very long UV exposure.
- 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 Invisible 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.