

Technical Data Sheet

FIX-ALL HIGH TACK INVISIBLE



Description:

Fix ALL High Tack Invisible is a Super Clear, high quality, neutral, elastic, 1-component adhesive based on SMX-Polymer with a very high initial tack.

Benefits:

- 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.
- Can be painted with water based systems
- Solvent Free
- Does not contain isocyanates and no silicones
- Good adhesion on slightly moist substrates

Applications:

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



Chemical Resistance:

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

Substrates:

Substrates: all usual building substrates, treated wood, PVC, plastics, metals.

Nature: clean, 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 Surface Activator.

We recommend a preliminary adhesion test on every surface.

Application Method:

Application Method: With manual or pneumatic caulking gun.

Cleaning: With Sealant Remover immediately after use. Cured Fix-ALL can only be removed mechanically.

Repair: With the same material

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 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 cannot be used for bonding of natural stone, because the adhesion surface will discolour under the influence of the sealant ('wet' look), this is clearly visible through a crystal clear coloured sealant and making it seem like staining has occurred.
- Fix ALL High Tack Invisible can discolour under extreme conditions or after very long UV Exposure.

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.

Storage Conditions:

Store in cool dry conditions between 5°C and 25°C.

Packaging:

290ml Cartridges.

Technical Data:

Basis	SMX Hybrid Polymer
Consistency	Stable Gel
Curing Time	Moisture curing
Skin Formation* (20°C / 65% R.H.)	Ca. 10 min
Curing Speed * (20°C / 65% R.H.)	3 mm/24h
Hardness	55 ± 5 Shore A
Density	1,08 g/ml
Maximum Allowed Distortion	± 20 %
Temperature Resistance	-40 °C → 90 °C
Max. Tension (DIN 53504)	3,50 N/mm ²
Elasticity Modulus 100% (DIN 53504)	1,90 N/mm ²
Elongation at break (DIN 53504)	250%
Application Temperature	5 °C → 35 °C

Product of: Soudal

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