



Fix ALL High Tack Invisible

Product description

Fix ALL High Tack Invisible is a high quality, neutral, elastic one-component adhesive sealant based on SMX-polymer. Fix ALL High Tack Invisible has a very high initial tack.

Properties

- High initial tack
- Reduced need for support.
- Very low emission, EC1+ certified
- Fast curing
- Good extrudability
- High shear strength after full cure (no primer).
- Stays elastic after curing
- Very durable
- Impervious to mold.
- Low odour
- Can be painted with water based systems
- Good weather resistance
- Good UV resistance
- Very good adhesion on many materials, even if slightly moist



Applications

- Transparent and elastic bonding in construction and building applications.
- Elastic bonding of objects, panels, profiles and other pieces on the most common substrates.

Technical data

Base	SMX Hybrid Polymer	
Consistency	Stable gel	
Curing system	Moisture curing	
Skin formation	ca. 10 minutes	
Curing speed	ca. 3 mm/24h	
Density	ca. 1.08 g/ml	
Maximum allowed joint movement	± 20 %	
Elasticity modulus	ISO 37	ca. 1.90 N/mm ²
Elongation at break	ISO 37	ca. 250%
Maximum tension	ISO 37	ca. 3.50 N/mm ²
Hardness	ca. 55 ± 5 Shore A	
Application temperature	+5°C → +35°C	
Temperature resistance	-40°C → +90°C	

Footnote: Skinning time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.





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Substrates

- Substrate condition
The surface must be rigid, clean, dry or slightly moist, free of dust and grease.
- Substrate 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). 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 or sealing. For optimum adhesion the use of Surface Activator is recommended.
- Substrate types
Fix ALL High Tack Invisible has a good adhesion to following substrates: all usual building substrates, lacquered wood, metal, plastics, PVC. Fix ALL High Tack Invisible has no good adhesion or is not suitable for PE, PP, PTFE (Teflon®), bituminous substrates, copper or copper containing materials such as bronze and brass. 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 Invisible is not recommended in these applications. We recommend a preliminary adhesion and compatibility test on every surface.

Application method

- Application method
Apply the product with a manual, pneumatic or accu caulking gun.
- Cleaning method
Clean with Soudal Surface Cleaner or with Soudal Swipex Wipes, immediately after use.
- Finishing method
With Finishing Solution before skinning.
- Repair method
Repair with the same material.

Health- and Safety Recommendations

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

Keep the area well ventilated during use and curing of the product.

Dangerous. Respect the precautions for use.

Packaging/Logistics

Colour: Transparent

Packaging: Please consult the product catalogue, the Soudal website or a Soudal representative.

Shelf life: 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C, Once opened the product has only a limited shelf life.

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.

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 a preliminary compatibility test.
- Fix ALL High Tack Invisible can not be used as a glazing sealant.



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- Not suitable for bonding aquariums.
- Do not use in applications where continuous water immersion is possible.
- When applying, make sure that the surface of the materials is not smudged with sealant.
- Do not use on natural stones like marble, granite,...(staining).
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- Fix ALL High Tack Invisible has a good UV resistance but can discolour under extreme conditions or after long UV exposure.
- Discoloration of the product due to chemicals, high temperatures, UV-radiation may occur.
- 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.

This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. It is general in nature and does not constitute any liability. 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. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application. In every case it is recommended to carry out preliminary experiments. The manufacturer reserves the right to modify products without prior notice.