
FIX ALL TURBO

Revision: 17/02/2011**Page 1 of 2****Technical Characteristics:**

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|--------------------------------------|-----------------------|
| Base | SMX Polymer® |
| Consistency | Paste |
| Curing System | Moisture Cure |
| Skin Formation (*) (20°C/65% R.V.) | Ca. 5 min. |
| Adjustable (*) | 5 min. |
| Manipulable after (*) | 20 min (press firmly) |
| Hardness (DIN 53505) | 65 ± 5 Shore A |
| Specific Gravity (DIN 53479) | 1,52 g/mL |
| Maximum Deformation | ± 20 % |
| Elastic Recovery (ISO 7389) | > 75 % |
| Temperature Resistance (fully cured) | -40°C to +90°C |
| Elasticity Modulus 100 % (DIN 53504) | 3.0 N/mm ² |
| Tear Strength (DIN 53504) | 3,8 N/mm ² |
| Elongation at break (DIN 53504) | 200 % |

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates

Product:

Fix ALL Turbo is a high quality single component adhesive-sealant based on SMX-Polymer with very fast build-up of strength.

Characteristics:

- Quickly manipulable and very fast build-up of strength
- Very high end-strength
- Good adhesion to most common substrates, even on slightly wet substrates
- Permanent elastic after cure
- Paintable with water based paints after curing
- Good colour stability, weather and UV resistance

Applications:

Bonding in the building and metal industry.
Elastic bonding of panels, profiles and other pieces on most common substrates (wood, MDF, chipboard, etc).
Elastic bonding in many different construction and building applications

Packaging:

Colour: white
Packaging: cartridge 290mL

Shelflife:

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

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.

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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Fix ALL Turbo has an excellent adhesion on almost all substrates: treated wood, aluminium, PVC, natural stone, plastics. Fix ALL Turbo has been tested on the following metal surfaces: stainless steel, AlMgSi1, brass, electrolytic galvanised steel, AlCuMg1, flame galvanised steel, AlMg3 and steel ST1403.

Fix ALL Turbo has also a good adhesion on following plastics: polystyrene, polycarbonate (Makrolon®), PVC, ABS, polyamide, PMMA, glass fibre reinforced epoxy and polyester.

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.

NOTICE: bonding plastics like PMMA (ie Plexi® glass), polycarbonate (ie Makrolon® or Lexan®) in stress loaded applications can give rise to stress cracking and crazing in these substrates. The use of Fix ALL Turbo is not recommended in these applications.

There is no adhesion on PE, PP, PTFE (Teflon®), silicones and bituminous substrates.

Nature: clean, free of dust and grease

Priming: Porous surfaces in water loaded applications should be primed with Primer 150, Surface Activator may be used on non-porous surfaces.

We recommend preliminary compatibility tests previous to application.

Application:

Method: Apply the adhesive by means of a caulking gun onto one surface in beads or dabs (every 15 cm. for panels). Always apply adhesive to the edges and corners of panels. Press the surfaces together immediately and tamp down with a rubber hammer. Support may be required. The bond is manipulable after 20 min and can be loaded after 3 hours.

Application temperature: +5°C until +35°C

Cleaning: Fix ALL Cleaner immediately after application and before curing

Tooling: with soapy solution before skin formation

Repair with: Fix ALL Turbo

Health- and Safety Recommendation:

Apply the usual industrial hygiene.
Check the packaging for more information.

Remarks:

Fix ALL Turbo can 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 Turbo 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.

Fix ALL Turbo cannot be used as a glazing sealant.

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