

T-Rex Power Fast Grab

Revision: 9/01/2018

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Technical data

Basis	SMX Hybrid Polymer
Consistency	Stable gel
Curing system	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



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

Product description

T-Rex Power Fast Grab Clear is a high quality, neutral, elastic 1-component adhesive based on SMX® Polymer Technology 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 and Colour:

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 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, metals, PVC, plastics *Nature:* 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.

Remark: 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. 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 beyond our control, no liability under this publication are accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Application method

- For more detailed info, refer to the current Technical Data Sheet on our website prior to use.
- Surface must be dry, clean, free from dust, grease / contaminants.
- Apply at temperatures between +5°C to +35°C.
- Apply in beads onto one of the surfaces and press together firmly. Leave to cure, full end strength is reached within 24 hours.
- Clean up: Uncured with Soudal Swipex, Cleaner & Degreaser, white spirits. When cured removed with Sealant Remover.
- Store in cool and dry place between +5°C and +25°C

Remarks

- T-Rex Power Fast Grab Clear may be painted, 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.
- T-Rex Power Fast Grab Clear can be painted wet on wet with 2 pack paint. When cured, a plastic primer is recommended before painting with 2 pack paint.
- Due to the wide variety of possible substrates, Soudal recommends a preliminary compatibility tests.
- This product cannot be used as a glazing sealant.
- Not suitable for bonding aquariums.
- A total absence of UV can cause a colour change of the sealant.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label for more information.

Environmental clauses

Leed regulation:

T-Rex Power Fast Grab 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. She 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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