3 April 2024

T-REX FLOOR & WALL

Technical Data

Basis	SMX® Hybrid Polymer
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (23°C/50% R.H.)	Ca. 25 min
Curing speed* (23°C/50% R.H.)	Ca. 3 mm/24h
Hardness**	Ca. 65 ± 5 Shore A
Density	Ca. 1.67 g/mL
Max. tension (ISO 37)**	Ca. 2.20 N/mm² (MPa)
Elasticity modulus 100% (ISO 37)**	Ca. 2.00 N/mm² (MPa)
Elongation at break (ISO 37)**	150 %
Consumption*	Adhesive trowel B3: 700 - 900 g/m²
Can be loaded after*	After 24h to 48h
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

T-Rex Floor & Wall is a ready-to-use, high quality, chemically neutral, 1-component construction adhesive for full surface bonding.

It is based on the unique SMX® Hybrid Polymer technology developed by Soudal.

Properties

- Very good adhesion on almost all substrates.
- Very good mechanical characteristics.
- Good adhesion to most common substrates, even on slightly wet substrates
- Very low emission, EC1+ certified
- Easy to tool, even under difficult circumstances.
- Good weather and UV resistance
- Free of isocyanates, solvents, halogens and acids
- Minimum health and safety considerations
- Can be painted wet-on-wet with waterborne paints

Applications

- Bonding of all types of building materials onto all porous and non-porous surfaces.
- Horizontal applications: all types of floors, carpet,…
- Vertical applications: all types of walls, decorative lathes, inox panels, etc.

Packaging

Colour: white
Packaging: 4 kg bucket

Shelf life

15 months in original, unopened packaging in a cool and dry storage place with temperature 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, both porous and non-porous substrates
Nature: rigid, clean, free of dust and grease, dry. Surface should not contain loose parts, paints, wax, oil and other contaminants. Irregularities such as remaining concrete leveling, old adhesives may adversely affect adhesion. These need preferably to be removed mechanically for example by sanding or blasting.

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Surface preparation: T-Rex X-Treme has a good adhesion to most substrates. However, for optimal adhesion and in critical applications, we recommend to follow a pretreatment procedure. Prepare non-porous surfaces with a Soudal **Surface Activator** or cleaner (see Technical Data Sheet). Porous surfaces should be primed with Soudal **Primer 150**.

NOTICE: 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 T-Rex X-Treme is not recommended in these applications.

Not suitable for PE, PP, PTFE (eg. Teflon®), bituminous substrates, copper or copper-containing materials such as bronze and brass. We recommend a preliminary adhesion and compatibility test on every surface.

Application method

Refer to the current Technical Data Sheet on our website prior to use.

Application method: Apply the adhesive with the aid of an adhesive trowel under an angle of 60 ° on to the substrate.
Cleaning: Clean with Soudal Surface Cleaner or with Soudal **Swipex**, immediately after use. Cured T-Rex Floor & Wall can only be removed mechanically.
Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information. Use only in well-ventilated areas.

Remarks

- T-Rex Floor and Wall can be used for bonding of natural stone, but it cannot be used as a joint sealant on this type of surface.
- T-Rex Floor and Wall cannot be used as a glazing sealant.
- Given the great diversity in available paints it is recommended to do a compatibility test prior to application.
- Given the great diversity of possible surfaces, it is recommended to perform an adhesion test on both substrates prior to application.
- 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.
- Not suitable for bonding aquariums..

Environmental clauses

Leed regulation:
T-Rex Power Fast Grab 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.