SOUDAL

Technical Data Sheet

T-Rex Floor & Wall Adhesive

Technical data

Basis	SMX Hybrid Polymer
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (20°C / 65% R.H.)	Ca. 10 min
Curing speed* (20°C / 65% R.H.)	Ca. 3 mm/24h
Hardness	40 ± 5 Shore A
Density	1,67 g/mL
Elastic recovery (ISO 7389)	> 75%
Maximum allowed distortion	± 20 %
Max. tension (DIN 53504)	1,80 N/mm²
Elasticity modulus 100% (DIN 53504)	0,75 N/mm²
Elongation at break (DIN 53504)	750%
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.

Product description

T-Rex Floor and Wall is a high quality, neutral, elastic, 1-component construction adhesive based on hybrid polymer. Universal adhesion on many substrates and materials.

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 PLUS R 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 waterborn paints

Applications

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

Packaging and Colour:

Colour: White
Packaging: 4kg bucket

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, mineral oils, grease, diluted inorganic acids and alkalis. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons..

T-Rex Floor & Wall Adhesive

Substrates

Substrates: all usual building substrates, Both porous and non-porous surfaces
Nature: T-Rex Floor and Wall should be applied on a rigid, clean, permanently dry, dust and grease free surface which do not contain any loose parts, paint, wax, oil or 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.
We recommend a preliminary adhesion test on any substrate. 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 Floor and Wall is not recommended in these applications. T-Rex Floor and Wall is not suitable for use on natural stone because of risk for staining. There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates..

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 the adhesive with the aid of an adhesive trowel under an angle of 60°C on to the substrate.
- 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 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 can therefore only be used on the bottom of natural stone tiles.
- T-Rex Floor and Wall can not 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 and Artificial turf backings it is recommended to do an adhesion test on both substrates prior to application.
- Do not use in applications where continuous water immersion is possible.
- When applying, make sure not to spill any sealant on the surface of materials.

Health- and Safety Recommendations

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

Environmental clauses

Leed regulation:
T-Rex Floor and Wall 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.