

T-Rex® Power Range

T-REX® POWER – WALL & FLOOR



DESCRIPTION

T-Rex Power Floor & Wall is a white, pre-mixed, ready to use, high quality adhesive for full surface bonding for all materials to all surfaces. Based on SMX® Polymer technology, chemically neutral and fully elastic. Permanently flexible, high strength adhesive. Suitable for interior and exterior use. Paintable. Non staining and safe with natural stone. Repositionable.

APPLICATIONS

Suitable for horizontal and/or vertical bonding for all kinds of porous and non porous materials such as brick, natural stone, metals, concrete, plasterboard, cement sheeting, wood, cork, enamel, ceramic and porcelain tiles, glass, mosaics, mirrors, carpet, vinyl, masonry, PVC and synthetics (except for PE, PP and PTFE). Perfect for difficult installation: wet surfaces, tile on tile, natural stone, stainless steel and floor coverings.

FEATURES & BENEFITS

- Outstanding bond strength
- Can be used for all materials and all surfaces
- Easy to trowel
- Remains flexible / elastic
- Does not contain isocyanates, solvents



Colour

White

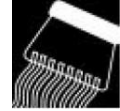


Size

4kg

Item Code

222125



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Technical characteristics:

| | |
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| Base | SMX Polymer |
| Consistency | Paste |
| Curing System | Moisture Cure |
| Skin Formation (*) (20°C/65% R.V.) | Ca. 15 min. |
| Curing Rate (*) (20°C/65% R.V.) | 2 - 3 mm/24h |
| Hardness (DIN 53505) | 40 ± 5 Shore A |
| Specific Gravity (DIN 53479) | 1,67 g/ml |
| Elastic recovery (ISO 7389) | > 75 % |
| Maximum Deformation | 20 % |
| Temperature Resistance (fully cured) | -40°C tot +90° C |
| Elasticity Modulus 100 % (DIN 53504) | 0,75 N/mm ² |
| Tear Strength (DIN 53504) | 1,80 N/mm ² |
| Elongation at break (DIN 53504) | 750 % |
| Can be loaded | After 24h to 48h |
| Consumption | Trowel B3: 700-900 g/m ² |
| Shear Strength Substrate Thickness Shear velocity | 0,9 N/mm ² AIMGSi1 2 mm 10 mm/min |

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

Product:

T-Rex Floor & Wall is a high quality single component, adhesive with high adhesive strength. It is based on SMX Polymer technology, chemically neutral and fully elastic. Universal use on all substrates and construction materials.

T-Rex Floor & Wall may be painted, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application.

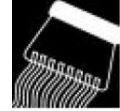
Characteristics:

- Outstanding bond strength on nearly all surfaces.
- High performance mechanical properties.
- Flexible elastic rubber – movement accommodation up to ±20%.
- Straightforward application even in adverse conditions.
- Very easy to tool.
- Sanitary applications.
- Ecological advantages – free of isocyanates, solvents, halogens and acids.
- Minimal health and safety considerations.
- No staining of porous materials such as natural stone, granite, marble, etc.

Applications:

- Bonding of all types of construction materials on all porous and non-porous surfaces.
- Horizontal applications: all types of floors tiles, natural stone tiles, carpet,...
- Vertical applications: all types of wall tiles, paneling, stainless steel panels,...
- Also on wet surfaces (EG sanitary applications)

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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Application:

Application method: apply the adhesive to the surface by means of a trowel, under an angle of 60°.

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

Cleaning: Soudal Cleaner & Degreaser or Swipex Wipes immediately after application and before curing

Packaging:

Colour: white

Packaging: Bucket 4Kg

Shelflife:

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +35°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.

Substrates:

Nature: all usual surfaces such as brick, stone, concrete, plastering, wood, tiles, PVC, synthetic materials, preliminary treated wood.

T-Rex Floor & Wall should be applied to a solid, dry, clean and smooth substrate.

Rests of old adhesives may affect the adhesion and must be removed mechanically. Loose or damaged surfaces must be repaired before the application of the adhesive.

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 T-Rex All Floor&Wall is not recommended in these applications. There is no adhesion on PE, PP and PTFE (Teflon[®]).

Health- and Safety Recommendation:

Apply the usual industrial hygiene.

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