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**T-Rex<sup>®</sup> Floor & Wall**

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**Revision: 02/09/13****Page 1 of 2****Technical characteristics:**

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 <sup>2</sup>
Tear Strength (DIN 53504)	1,80 N/mm <sup>2</sup>
Elongation at break (DIN 53504)	750 %
Can be loaded	After 24h to 48h
Consumption	Trowel B3: 700-900 g/m <sup>2</sup>
Shear Strength	0,9 N/mm <sup>2</sup>
Substrate	AIMGSI1
Thickness	2 mm
Shear velocity	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<sup>®</sup> glass), polycarbonate (ie Makrolon<sup>®</sup> or Lexan<sup>®</sup>) 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<sup>®</sup>).

### Health- and Safety Recommendation:

Apply the usual industrial hygiene.

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