

Fix ALL Floor and Wall

Revision: 15/06/2018

Page 1 from 2

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**	65 ± 5 Shore A
Density**	Ca. 1,67 g/ml
Max. tension (ISO 37)**	2,20 N/mm ²
Elasticity modulus 100% (ISO 37)**	2,00 N/mm ²
Elongation at break (ISO 37)**	150 %
Consumption (*)	Adhesive trowel B3: 700 - 900 g/m ²
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

Fix ALL 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
- 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

Colour: white

Packaging: 4 kg 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.

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 are beyond our control, no liability under this publication is 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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Revision: 15/06/2018

Page 2 from 2

Substrates

Substrates: all usual building substrates, Both porous and non-porous surfaces

Nature: Fix ALL 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 and compatibility test on every surface. 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 Fix ALL Floor and Wall is not recommended in these applications. There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.

Application method

Application method: Apply the adhesive with the aid of an adhesive trowel under an angle of 60 ° on to the substrate.

Cleaning: With Fix ALL Cleaner immediately after use.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks

- Fix ALL 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. Fix ALL Floor and Wall can therefore only be used on the bottom of natural stone tiles.
- Fix ALL 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, 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.

Environmental clauses

Leed regulation:

Fix ALL 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.

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