

FIIXO FIX Plus

General Purpose Tile Adhesive



The Billionaire's Choice

PRODUCT

FIIXO FIX Plus is a ready-mix high bonding cement-based tile adhesive. **FIIXO FIX Plus** is water and weather resistant and has a strong bonding effect. It can be used externally on balconies, terraces, etc..., depending on type and size of tiles. It contains latex polymers.

SCOPE OF USE

FIIXO FIX Plus can fix a wide range of ceramic tiles. **FIIXO FIX Plus** can be used to tile directly onto the following substrates:

- Concrete
- Stone walls (cleaned and prepared)
- Cementitious plaster and renders

Gypsum substrates are not advisable.

FIIXO FIX Plus can be used for tiling in:

- Bathrooms
- Regular rooms
- Balconies, terraces, etc...
- Kitchens
- Stairs

CHARACTERISTICS

Appearance	Powder
Composition	Cement, siliceous sand and additives
Color	Grey
Density	1.55 kg/lit. $\pm$ 0.05
Open Time	15 min. at 20°C
Pot Life	2 hrs at 20°C
Setting Time (min.)	Initial set: 570 Final set: 750
Resistance to slip	Excellent
Shelf Life	12 months
Mixing Ratio	4 to 4.8 lit. per 20 kg 5 to 6 lit. per 25 kg
Coverage	3 to 7 kg/m ²
VOC and formaldehyde content ISO/FDIS 11890-2/GC-MS	None (<10µg/l)
Service Temperature	-20°C to +70°C
Packaging	20 and 25 Kg

Test for EN 12004:2007

Open Time by Tensile Adhesion acc. EN 1346:2007 (N/mm ²)	5 minutes	0.77
Tensile Adhesion Strength acc. EN 1348:2007 (N/mm ²)	Con A	0.8
	Con B	0.8
	Con C	0.5
	Con D	0.9



- * Con A - 28 days standards conditions
- * Con B - 7 days standard condition + 21 days water immersion
- * Con C - 14 days standard condition + 14 days at 70°C
- * Con D - 7 days standard condition, 21 days water immersion, 25 freeze/Thaw cycles
- * Standard Condition - (50 $\pm$ 5)% Relative Humidity & 23 ($\pm$ 2)°C

Test for ANSI A118.4

Shear strength (N/mm ²) F-5.3.2 & F-5.3.3 25 kg weber.tile fix mixed with 1 liter weber.ad 225 MB + 4 liters clean water	7 days standard conditions	0.7
	28 days standard conditions	1.6
Shear strength (N/mm ²) F-5.3.2 & F-5.3.3 25 kg weber.tile fix mixed + 5 liters clean water	7 days standard conditions	0.7
	28 days standard conditions	1.05

APPLICABLE STANDARDS

BS 5980:1980 as Class A Type 1.
EN 1346, EN 1348, ANSI A118.4, EN 12004

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INSTRUCTIONS FOR USE

SURFACE PREPARATION

Substrate must be clean and free from greasy matters or dust. It should have been sufficiently cured in a way that any shrinkage has already occurred. Moisten slightly the substrate if it is dry at the time of application, never moisten the tiles.

PRODUCT PREPARATION

FIIXO FIX Plus in the proportion of 5 to 6 liters of clean cool water per 25 kg bag (or 20 kg with 4 to 4.8 liters of water). An electric mixer with low rotation speed (< 300 rpm) can be used. Mix until a uniform lump free paste is obtained. Let the paste rest for a few minutes before starting the application.

PRODUCT APPLICATION

Apply **FIIXO FIX Plus** evenly on the substrate. Use a notched trowel to have a uniform thickness according to the size of the tile.

Apply the tiles on the substrate and press them firmly, while making sure that the paste does not slip from the tile sides. **FIIXO FIX Plus** can also be applied on the back of tiles to ensure full adhesion on the entire surface. In case exceptional performance is required, each bag of 25 kg of **FIIXO FIX Plus** should be mixed with 1 liter **FIIXO FIX Plus** 225 MB (styrene butadiene latex bonding agent) + 4 liters clean water. For 20 Kg bag **FIIXO FIX Plus**, use 1 liter **FIIXO FIX Plus** 225 MB +3 liters of clean water.

CLEANING

Clean the tools with water after use. Cured materials can only be removed mechanically.

PRECAUTIONS

Apply **FIIXO FIX Plus** on the substrate by areas of around 1m² each, which can be tiled within a maximum of 15 minutes from application time at 20°C. After that time, an outer skin may form thus preventing the tile from adhering properly to **FIIXO FIX Plus**. Adjustments to the tiles should only be made during its open time.

It is recommended to leave a minimum width of 2 mm around the tiles (or as designed).

Grouting the tile joints should only be done at least 24 hours after tiling, using weber.joint perfect or weber.joint (Carrojoint).

STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

SAFETY PRECAUTIONS

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning thoroughly with soap and water. In case of contact with eyes, wash thoroughly with clean water and seek medical attention. If swallowed, do not induce vomiting and seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products against defective materials, all recommendations concerning the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

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