

Cementitious tile adhesive

PRODUCT

webercol fix is a ready-mix cement-based tile adhesive for internal use. **webercol fix** is water resistant and has a strong bonding effect.

SCOPE OF USE

webercol fix can fix a wide range of ceramic tiles.

webercol fix 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.

webercol fix can be used for tiling in:

- Bathrooms
- Regular rooms
- Kitchens
- Stairs

CHARACTERISTICS

Appearance	Powder
Composition	Cement, siliceous sand and additives
Color	Grey or White
Density	1.55 kg/lit. ± 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

TEST RESULTS

Test for EN 12004:2007

Open Time by Tensile Adhesion acc. EN 1346:2007 (N/mm ²)	5 minutes	1
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



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
20 kg	20 kg	20 kg	20 kg	25 kg	25 kg	20 kg	20 kg
-	-	-	25 kg	-	-	-	25 kg

*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 ± 5)% Relative Humidity & 23 (± 2)°C

Test for ANSI A118.4

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

Shear strength (N/mm ²) F-5.3.2 & F-5.3.3	7 days standard conditions	0.7
25 kg webercol fix mixed + 5 liters clean water	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

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

Mix **webercol fix** 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 **webercol fix** 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. **webercol fix** 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 **webercol fix** should be mixed with 1 liter **weberad 225 MB** (styrene butadiene latex bonding agent) + 4 liters clean water. For 20 Kg bag **webercol fix**, use 1 liter **weberad 225 MB** +3 liters of clean water.

CLEANING

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

PRECAUTIONS

Apply **webercol fix** 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 **webercol fix**. 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 **weberjoint perfect** or **weberjoint** (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 with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products against defective materials, 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.

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