

Two components fast-setting cementitious flexible tile adhesive (Latex modified)

PRODUCT

webercol flex FS is a two components polymer modified fast-setting flexible ready-mix tile adhesive. Its flexibility makes it suitable for tiling directly to timber and concrete substrate subject to thermal/shrinkage movement. It is specially formulated for interior and exterior wall and floor applications.

webercol flex FS is water resistant and has an outstanding bonding effect.

SCOPE OF USE

webercol flex FS is suitable for the rapid set laying of all ceramic, porcelain, mosaic, stones, marble, brick, clay, porous and non-porous tiles.

The fast setting nature of this material makes it ideal for situations where the tiled area need to be accessed/grouted in few hours such as: shops, hospitals, and commercial and domestic situations. Over difficult substrates such as gypsum, wood..., primer is required, consult company for advice.

CHARACTERISTICS

Appearance	Powder
Composition	Special cements, siliceous sand and additives
Color	Dark Grey
Open Time	15 min. at 20°C
Pot Life	20 min at 20°C
Pot Life (MENA)	30 min at 20°C
Setting Time (min.)	Initial set: 90 Final set: 210
Shelf Life	6 months
Mixing Ratio	5.5 lit. per 25 kg
Coverage	3 to 7 kg/m ²
Tensile Adhesion at 20 hours	0.95 MPa
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	1.1
	10 minutes	0.7
Tensile Adhesion Strength acc. EN 1348:2007 (N/mm ²)	Con A	2.6
	Con B	0.9
	Con C	2.5

* 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

* Standard Condition - (50 ± 5)% Relative Humidity & 23 (± 2)°C



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
15 kg	15 kg	15 kg	15 kg	15 kg	15 kg	24.4 kg	15 kg
30.5 kg	30.5 kg	30.5 kg	30.5 kg	30.5 kg	30.5 kg	-	30.5 kg

Test for ANSI A118.4

Shear strength (N/mm ²) F-5.3.2 & F-5.3.3	7 days standard conditions	2.4
	28 days standard conditions	2.1

APPLICABLE STANDARDS

EN 12004:2007, EN 12002, ANSI A118.4

INSTRUCTIONS FOR USE

SURFACE PREPARATION

Substrate must be structurally sound and free from loose tiles and debris, existing setting material or any foreign matters.

PRODUCT PREPARATION

Mix the two components of **webercol flex FS** by pouring the powder in the liquid progressively while stirring the liquid. An electric mixer with low rotation speed (< 300 rpm) can be used.

Mix until a uniform lump free paste is obtained.

PRODUCT APPLICATION

Apply **webercol flex FS** evenly on the substrate. Use a

notched trowel to have the required thickness. Apply the tiles on the substrate and press them firmly, while making sure that the paste does not slip from the tile sides.

webercol flex FS can also be applied on the back of tiles to ensure full adhesion on the entire surface .

CLEANING

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

STORAGE

webercol flex FS can be stored for 6 months in dry conditions, away from extreme temperatures.

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.

NOTE

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