Improved cement based tile adhesive (Latex modified)

PRODUCT

webercol Pro is a ready mix cement-based tile adhesive modified with redispersible polymer for internal walls and floors as well as external floors. It is a latex-Portland cement mortar as per ANSI A118.4. **webercol Pro** has a strong bonding effect and achieves C2TE requirements under EN12004 at standard condition. **webercol Pro** is non-sagging and classified as slip resistance "T" with ability to perform in extended open time conditions "E". **webercol Pro** is *S1 deformable according to standard EN 12002 when mixed with ***weberad 255 MB**.

SCOPE OF USE

webercol Pro is water resistant and can be used for fixing a wide range of tiles (ceramic, sandstone, marble, porcelain, etc.) on the following substrates:

- Concrete walls
- Cementitious plasters and renders
- Screed/concrete floors

webercol Pro can be used for tiling:

- Bathrooms
- Kitchens
- Stairs & Rooms
- Light traffic parkings
- *Swimming pools

** Small and medium sized swimming-pools with non-vitrified tiles up to 30*30cm.*

webercol Prime should be used as a primer for the following substrates:

- Lightweight and AAC blocks
- Stone walls (cleaned and prepared)
- Gypsum boards

CHARACTERISTICS

Appearance	Powder
Composition	Cement, siliceous sand and additives
Color	Grey or White
Powder density	1.27 ± 0.05
Paste density	1.45 ± 0.05
Open Time	30 min. at standard conditions
Pot Life	2 hrs at standard conditions
Wetting capability at 20 min	90% at standard conditions
Transfer at 20 min	80% at standard conditions
Shelf Life	12 months
Mixing Ratio *S1 Deformable	5 to 6 lit. / 25 kg 4.5 lit. water+1 lit. **weberad 225 MB**
Coverage	3 to 7 kg/m²
VOC USEPA 24	None (<0.01g/L)
Service Temperature	-20°C to +70°C



PACKAGING

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

TEST RESULTS

Test for EN 12004: 2007		
Tensile Adhesion Strength acc. EN 1348:2007 (N/mm²)	Con A	>1
Open time by tensile adhesion acc. EN 1346:2007 (N/mm²)	20 minutes	>0.5
Open time by tensile adhesion acc. EN 1346:2007 (N/mm²)	30 minutes	>0.5

**Con A - 28 days standards conditions*
**Standard Condition-(50±5)% Relative Humidity & 23 (± 2)°C, air speed 0.2m/s*

APPLICABLE STANDARDS

EN 12004:2007
EN 12002
ANSI A118.4

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 Pro** 25kg with 5 to 6 liters of clean cool water.
*Mix **weber.col Pro** 25kg with 4.5 liters of clean cool water+ 1 lit. **weberad 225 MB**.

Using an electric mixer with low rotation speed (<300 rpm) mix until a uniform lump free paste is obtained. Let the paste rest for a few minutes before starting the application. It Is recommended to clean the tools used for "product preparation" with water after finishing.

PRODUCT APPLICATION

Apply **webercol Pro** evenly on the substrate. Use a notched trowel to have a uniform thickness of 2 to 3 mm minimum. This thickness depends on the type and 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 Pro** can also be applied on the back of tiles to ensure full adhesion on the entire surface. It Is recommended to clean the tools used for "product preparation" with water after finishing.

PRECAUTIONS

Apply **webercol Pro** on the substrate by areas of around 1 m² each, which can be tiled within a maximum of 30 minutes from application at standard condition. After that time, an outer skin may form thus preventing the tile from adhering properly to **webercol Pro**. Adjustments to the tiles should only be made during **webercol Pro**'s open time.
For special applications please contact our technical support department team.
It is recommended to leave a minimum width of 2mm around the tiles (or as designed).
Grouting the tile joints should only be done at least 24 hours after tiling, using **weberjoint, weberjoint deco, weberjoint perfect or weberepoxy easy**.

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 thouroughly with clean water. If swallowed, do not induce vomitting, 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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