

High performance tile adhesive with improved properties

PRODUCT

webercol premium is a high performance cement-based polymer modified adhesive for internal and external use. It can be used in a damp environment and is water resistant.

webercol premium exceeds standard requirements EN12004 and is classified as C2TES1.

webercol Premium is non-sagging and slip resistant "T" with ability to perform in extended open time conditions "E".

webercol premium is "S1" deformable according to standard EN 12002.

BENEFITS

- Flexible
- Slip resistant
- Extended open time
- Suitable for low porosity tiles
- For indoor & outdoor floors/walls tiling
- Resistant to temperatures between -20C to +70C
- Vertical application due to its slip resistance property
- Bonding strengths exceeding the standard's requirements

SCOPE OF USE

webercol premium is used for fixing a wide range of tiles:

- Ceramic
- Porcelain
- Sandstone
- Granite
- Marble
- Natural stones

webercol premium is suitable to fix tiles on various substrates including low porosity substrates such as:

- Heated floors
- Existing tiles
- Power floated concrete
- Concrete, screed
- Lightweight blocks
- Stone walls (cleaned and prepared)
- Cementitious plaster and renders
- Gypsum Board

*use **webercol prime** over difficult substrates such as gypsum, wood etc. Consult company for advice.

webercol premium can be used for tiling:

- *Swimming-pools
- Bathrooms, kitchens, stairs, rooms
- Heated floors
- Façades, balconies, terraces
- Parkings

*Medium sized swimming-pools with non-vitrified tiles up to 30*30cm



PACKAGING

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

CHARACTERISTICS

Color	Grey and white
Fresh density	1.5 ± 0.1 kg/LT
Wetting capability after 20 min at standard condition	> 50%
Pot life at standard conditions	2 - 3.5 hours
Open time tensile adhesion at 30 minutes	≥ 0.5 MPa (E)
Slip resistance acc. to EN 12004	≤ 0.5mm - (T)
Transverse Deformation acc. to EN 12004	≥ 2.5mm (S1)
Initial setting time	6h at standard condition
Final setting time	7.5h at standard condition

TEST RESULTS

Test for ISO 13007	ISO 13007 requirement (MPa)	webercol premium results (MPa)
Tensile adhesion strength at condition A	≥1	>1.6
Tensile adhesion strength at condition B	≥1	1
Tensile adhesion strength at condition C	≥1	>1.4
Tensile adhesion strength at condition D	≥1	>1

* (Above values have a ± 10% tolerance)

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

APPLICABLE STANDARDS

EN 12004 (EN 1346, EN 1348) class C2TES1

BS EN 12002 ISO 13007.

ISO 13007.

INSTRUCTIONS FOR USE

SURFACE PREPARATION

Surface must be clean and free from greasy substances or dust. Substrate should have been sufficiently cured in a way that any shrinkage has already occurred. Remove flaky or peeling layers and treat any unsound surfaces before tiling. Moisten slightly the substrate if it is dry at the time of application, never moisten the tiles.

PRODUCT PREPARATION

Water mixing ratio:

Lebanon: 5 to 5.5 Liters of clean cool water for 20kg bag.

Kuwait: 4.7 to 5 Liters of clean cool water for 20kg bag.

UAE: 5 to 6 Liters of clean cool water for 20kg bag.

Using an electric mixer at 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 the adhesive onto the substrate covering up to 1 m² at a time. Use a suitable notched trowel to achieve a uniform thickness. Apply the tiles on the substrate and press them firmly while making sure that the paste does not slip from the tile sides. For external applications, large tiles or when optimal bonding is required, back buttering the tiles is recommended.

Floors can be walked on after approximately 24 hours after fixing the tiles.

It is recommended to cover or protect fixed tiles from running water or rain for at least 24 hours.

It is recommended to clean the tools used for "product application" with water after finishing.

CONSUMPTION		
Notch Trowel Sizes	Consumption * Kg of powder/m ²	Coverage * m ² /25 kg bag
Trowel 6X6 mm	3	6.6 m ²
Trowel 8X8 mm	4	5 m ²
Trowel 10X10 mm	5	4 m ²
Trowel 12X12 mm	6	3.3 m ²

*The consumption rates are based on lab trials and might vary subject to variation of substrate level and surface regularity.

CLEANING

Carefully clean off any excess adhesive from the tiles and joints with a damp cloth or sponge, before it sets. Clean the tools with water after use. Cured materials can only be removed mechanically.

PRECAUTIONS

Apply **webercol premium** on the substrate by areas of around 1 m² which can be tiled within a maximum of 30 minutes from application time at standard conditions, after that, an outer skin may form thus preventing the tile from adhering properly to **webercol premium**. However, unfavorable substrate or environmental conditions such as direct sun light, high temperature, strong winds, etc. will reduce the open time. Adjustments to the tiles should only be made during the open time. It is recommended to leave a minimum width of 2 mm around the tiles. Grouting the tile joints should only be done at least 24 hours after tiling, using **weberepoxy easy**, **weberjoint perfect** or **weberjoint deco** or **weberjoint**.

STORAGE

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

SAFETY PRECAUTIONS

The product contains cement powders which, when mixed with water; releases alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area. 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, 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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