

Premium quality latex modified extra white cementitious tile adhesive

PRODUCT

webercol max is a ready mix cement-based polymer modified adhesive for fixing all types of ceramic tiles and stones, including fully vitrified/porcelain tiles to rigid interior and exterior floors and walls.

webercol max has very strong bond strength onto tiles with very low porosity. It is suitable to fix tiles onto low porosity substrates such as power floated concrete or existing tiles.

webercol max is suitable for fixing natural stone tiles, marble, granite... In wet and dry conditions.

SCOPE OF USE

webercol max is used for fixing a wide range of tiles (ceramic, porcelain, mosaics, sandstone, granite, marble, natural stones etc...) on the following substrates:

- Concrete
- Lightweight blocks
- Stone walls (cleaned and prepared)
- Glazed tiles (internal use)
- Cementitious plaster and renders
- Gypsum Board
- Fixing of Polystyrene board to concrete or cementitious substrate.

Over difficult substrates such as gypsum, wood..., primer is required, consult company for advice.

webercol max can be used for tiling in:

- *Swimming-pools
- Bathrooms
- Stairs
- Heated floors
- Façades, balconies, terraces
- Rooms
- Parking

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

CHARACTERISTICS

Appearance	Powder
Composition	Cement, selected silica sand and additives
Color	White
Density	1.55 kg/lit. ± 0.1
Open Time	30 min. at 20°C
Pot Life	2 hrs at 20°C
Shelf Life	12 months
Mixing Ratio	6.25 to 7 Lit per 25 kg
Coverage	3 to 7 kg/m²
Service Temperature	-20°C to +70°C
Traverse Deformation SI, comply with BS ISO 13007-2 : 2013 C 1.4.5	3mm



PACKAGING

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

Slip resistance, comply with BS EN 1308 : 1999 <0.5mm

Wetting Capability at 20 minutes Lab Condition 75%

Test webercol max according to ISO 13007

Initial tensile adhesion strength acc EN 1246:2007 (N/mm²) after 28 days standard condition		>2
Open Time by Tensile Adhesion acc. EN 1346:2007 (N/mm²) after 28 days standard condition	10 minutes	>1.6
	20 minutes	>1.5
	30 minutes	>1.2
Tensile Adhesion Strength acc. EN 1348:2007 (N/mm²) after 14 days standard condition + 14 days at 70°C		>1

Strength values are obtained under laboratory conditions at 20°C.

APPLICABLE STANDARDS

EN 12004 (EN 1346, EN 1348).
EN 12002

INSTRUCTIONS FOR USE

SURFACE PREPARATION

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

PRODUCT PREPARATION

Mix **webercol max** 25kg with 6.25 to 7 liters of clean cool water.

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 max** 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 max** 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. Carefully clean excess adhesive off the tiles and from the joints with a damp cloth or sponge before it sets.

PRECAUTIONS

Apply **webercol max** 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 max**. Adjustments to the tiles should only be made during **webercol max**'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 **weber epoxy 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, 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 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.

NOTE

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