



## webercol WP (Oman)

Regular cement based tile adhesive (Latex modified)

*Tile Fixing*

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

### PRODUCT

**webercol WP** is a ready mix cement-based tile adhesive modified with redispersable polymer for internal walls and floor tiling as well as external flooring.

**webercol WP** is a latex-Portland cement mortar as per ANSI A118.4 and comply to EN 12004.

**webercol WP** has a strong bonding effect and is water resistant.

### SCOPE OF USE

**webercol WP** is used for fixing a wide range of tiles (ceramic, sandstone, etc.) on the following substrates:

- Concrete
- Lightweight and AAC blocks (using **webercol prime** as primer)
- Stone walls (cleaned and prepared)
- Gypsum plasterboards (using **webercol prime** as primer)
- Cementitious plasters and renders

Substrate made of Gypsum plaster is not advisable.

**webercol WP** can be used for tiling in:

- Bathrooms
- Stairs
- Rooms
- Parking

### CHARACTERISTICS

Appearance	Powder
Composition	Cement, siliceous sand and additives
Color	Grey or white
Paste density	1.5 ± 0.1
Open time	25 min. (EN 12004)
Pot life	2 hrs @ 20°C
Shelf life	12 months
Mixing ratio	5 to 6 lit. / 25kg
Coverage	3 to 7kg/m <sup>2</sup>
Total Volatile Organic Compounds (VOC)	None (<5g/l) - (EPA Method 24)
Service temperature	-20°C to +70°C

## TEST RESULTS

### Test for EN 12004

Open Time by Tensile Adhesion acc. EN 1346:2007 (N/mm <sup>2</sup> )	20 minutes	0.56
Tensile Adhesion Strength acc. EN 1348 (N/mm <sup>2</sup> )	Con A	>0.6
	Con B	>0.5
	Con C	>0.5
	Con D	>0.5

\* Con A - 28 days standard 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

All values given are subject to 5 to 10 % tolerance.

### Test for ANSI A118.4:2013

Shear strength (N/mm <sup>2</sup> ) F-7,3.2	7 days standard conditions	1.2
	28 days standard conditions	1.4

All values given are subject to 5 to 10 % tolerance.

## APPLICABLE STANDARDS

EN 12004

ANSI A 118.4

## 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 25kg bags of **webercol WP**, with 5 to 6 liters water). An electric mixer with low rotation speed (< 300rpm) 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 WP** evenly on the substrate. Use a notched trowel to have 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 keeping a minimum thickness of 2 to 3 mm. **webercol WP** can also be applied on the back of tiles to ensure full adhesion on the entire surface. Clean the tools with water after use. Cured materials can only be removed mechanically. In case exceptional performance is required, each bag of 25 kg **webercol WP** should be mixed with 1 liter **weberad 225 MB** (styrene butadiene latex bonding agent) + 4 liters of clean water.

## PRECAUTIONS

Apply **webercol WP** on the substrate by areas of around 1m<sup>2</sup> each, which can be tiled within a maximum of 25 minutes from application at 20°C. After that time, an outer skin may form thus preventing the tile from adhering properly to **webercol WP**. Adjustments to the tiles should only be made during **webercol WP**'s open time. 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 weber tile grouts like **weberjoint** and **weberjoint perfect**, etc..

## 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.

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