webercol WP

Regular cement based tile adhesive (Latex modified)

PRODUCT

webecol 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 is classified as C1T according to EN 12004.
webecol WP has a strong bonding effect and is water resistant.
The addition of the new Low Dust feature allows a dust reduction by 90% during pouring and mixing of the product!*
The Low Dust effect will lead to:

- Cleaner working sites
- Easier and quicker renovation

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 (Primer is recommended)
- Stone walls (cleaned and prepared)
- Gypsum board
- 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
Powder density	1.27 ± 0.05
Paste density	1.45 ± 0.1
Open Time	25 min. (EN 12004)
Pot Life	2 hrs at 20°C
Wetting capability at 10 min	90%
Shelf Life	12 months
Mixing Ratio	4 to 4.8 lit. / 20 kg 5 to 6 lit. / 25 kg
Coverage	3 to 7 kg/m²
Total Volatile Organic Compounds (VOC)	None (<5g/l) - (EPA Method 24)
Service Temperature	-20°C to +70°C

Low dust feature available for* **webercol wp *only in Lebanon.*

PACKAGING

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

TEST RESULTS

Test for EN 12004:2007

Open Time by Tensile Adhesion acc. EN 1346:2007 (N/mm²)	20 minutes	0.56
Tensile Adhesion Stregth acc. EN 1348:2007 (N/mm²)	Con A	>0.6
	Con B	>0.5
	Con C	>0.5
	Con D	>0.5

**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*
**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/mm²) 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.

weber SAINT-GOBAIN

APPLICABLE STANDARDS

EN 12004:2007 C1T
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 20 kg of **webercol WP** with 4 to 4.8 liters of clean cool water (for 25kg bags of **webercol WP**, mix with 5 to 6 liters water). An electric mixer with low rotation speed (< 300 rpm) 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 20 kg **webercol WP** should be mixed with 1 liter Admix 225 MB (styrene butadiene latex bonding agent) + 3.6 liters of clean water.

PRECAUTIONS

Apply **webercol WP** on the substrate by areas of around 1m² 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 **weberjoint perfect** or **weberjoint**.

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

The information included on this Technical Data Sheet is the sole property of Saint-Gobain Middle East Holding SAL (previously SODAMCO Holding). The unauthorized disclosure, use, dissemination or copying (either whole or partial) of this data sheet or any information it contains, is prohibited and subject to legal pursuit.

weber SAINT-GOBAIN