

## Two components latex-modified mortar glue for tiles

### PRODUCT

A two component high quality latex-modified mortar glue for fixing tiles. It is made of cement, siliceous fillers, and additives, and is water resistant.

### SCOPE OF USE

#### ADMISSIBLE SUBSTRATES

- For internal applications: cement plaster, concrete and plasterboards...
  - For external applications: plaster or concrete.
- Over difficult substrates such as gypsum, wood..., primer is required, consult company for advice.

#### ASSOCIATED COVERINGS

All kind of tiles.

For non-porous tiles, kindly consult the company's technical department.

### CHARACTERISTICS

Appearance	Powder	Grey or white
	Additive	Milky white liquid
Apparent density	Powder	1.55 ± 0.1
	Additive	1.0
Open Time		25 min. at 20°C
Pot Life		2 hrs at 20°C
Setting Time (min.)		Initial set: 540 Final set: 720
Shelf Life		6 months
Pull-off strength		> 1.2 MPa at 28 days
Coverage		3 to 7 kg/m <sup>2</sup>
Service Temperature		-20°C to +70°C
Resistance to bacterial growth according to ANSI 118 & 108 A		Pass. No evidence of bacterial growth

### Test for EN 1346 and 1348

Open Time by Tensile Adhesion acc. EN 1346 (N/mm <sup>2</sup> )	5 minutes	1.2
	20 minutes	0.5
Tensile Adhesion Strength acc. EN 1348 (N/mm <sup>2</sup> )	Con A	1.4
	Con B	1
	Con C	1.2
	Con D	1

\* 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



### PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	-	-	26 kg	26 kg	26 kg	26 kg	26 kg

\* 26 kg: 25kg paper bag (powder) + 1 Lit. bottle (liquid)

### Test for EN 1346 and 1348

Shear strength (N/mm <sup>2</sup> ) F-5.3.2 & F-5.3.3	7 days standard conditions	0.74
	28 days standard conditions	1.65

### APPLICABLE STANDARDS

BS 5980: 1980

EN 12004:2007

ANSI A118.4

### INSTRUCTIONS FOR USE

#### SUBSTRATE PREPARATION

The substrates must be sound, clean, and free of dust, oil, paint, gypsum plaster.

Substrate must be cured but not wet.

#### PRODUCT PREPARATION

Mix the 1 lit. liquid additive bottle and 5 lit. water. With the mixing paddle of a low speed drill (<300 rpm) in operation, add gradually the 25 kg powder component to the mix and continue mixing for 2 to 3 minutes.

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 bond** evenly on the substrate. Use a notched trowel.

Apply the tiles on the substrate and press them firmly, making sure that the paste does not slip from the tile sides, and ensuring to have a uniform adhesive thickness of 2 to 3 mm minimum after having pressed the tiles. **webercol bond** 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.

## CONSUMPTION

Consumption depends on the type of substrate, type of tile and the technique used. In summary:

- Single coat (substrate) : 4 - 5 kg/m<sup>2</sup>
- Double coat (substrate & tile) : 5 - 7 kg/m<sup>2</sup>

Please consult the company's technical department for more details.

## PRECAUTIONS

Apply **webercol bond** on the substrate by areas of around 1m<sup>2</sup> each, which can be tiled within a maximum of 25 minutes from application time at 20°C. After that time, an outer skin may form thus preventing the tile from adhering properly to **webercol bond**. Adjustments to the tiles should only be made during **webercol bond**'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 our ranges of **weberjoint perfect** or **weberjoint** (Carrojoint).

## STORAGE

**webercol bond** can be stored for 6 months in dry conditions, away from extreme temperatures and protected against wind.

Protect the liquid component away from extreme temperature 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 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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\*Available only in GCC