



# webercol fix 401

High quality cementitious tile adhesive

*Tile Fixing*

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

## PRODUCT

**webercol fix 401** is a high quality ready-mix cement-based tile adhesive for internal use. **webercol fix 401** is polymer modified and water resistant with a strong bonding effect.

## SCOPE OF USE

**webercol fix 401** can fix a wide range of ceramic tiles. **webercol fix 401** can be used to tile directly onto the following substrates:

- Concrete
- Stone walls (cleaned and prepared)
- Cementitious plaster and renders
- Gypsum substrates are not advisable.
- webercol fix 401 can be used for tiling in:
  - Bathrooms
  - Regular rooms
  - Kitchens
  - Stairs

## CHARACTERISTICS

Appearance	Powder
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Composition	Portland cement, graded clean silica sand, and selected additives
Color	Grey or white
Density	1.6kg/lit±0.1
Open time	5-15min. at standard conditions
Pot life	2hrs at standard conditions
Setting Time (min.)	Initial set: 570 Final set: 750
Shelf Life	12 months
Mixing Ratio	4.25±lit. per 20kg 5.25±0.25 lit. per 25kg
Coverage	3 to 7kg/m <sup>2</sup>
Service Temperature	5°C to +45°C

## APPLICABLE STANDARDS

EN 12004 C1 in standard condition

## 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.

## PRODUCT PREPARATION

Mix **webercol fix 401** in the proportion of  $4.25 \pm 0.25$  liters of clean cool water per 20kg bag (or  $5.25 \pm 0.25$  liters of water per 25kg pack). An electric mixer with low rotation speed ( $<300\text{rpm}$ ) 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 fix 401**, evenly on the substrate. Use a notched trowel to have a uniform thickness according to 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 (The thickness will depend on the type and area of the tiles). **webercol fix 401** can also be applied on the back of tiles to ensure full adhesion on the entire surface. In case exceptional performance is required, each bag of 25 kg of **webercol fix 401** should be mixed with 1 liter Dry bond 540 (styrene butadiene latex bonding agent) + 4 liters clean water. For 20kg bag **webercol fix 401**, use 1 liter Dry bond 540 with around +3 liters of clean water.

## CLEANING

Clean the tools with water after use. Cured materials can only be removed mechanically.

## PRECAUTIONS

Apply **webercol fix 401**, on the substrate by areas of around  $1\text{m}^2$  each, which can be tiled within a maximum of 15 minutes from application time at standard conditions. After that time, an outer skin may form thus preventing the tile from adhering properly to **webercol fix 401**.

Adjustments to the tiles should only be made during its 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 414 thin** or **weberjoint 413 thick**.

## LIMITATIONS

- Substrate made of gypsum are not advisable.
- Not to be used in swimming pools.
- Not to be used on Facades and external locations.
- Not to be used for low absorption tiles.

## 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.

## DISCLAIMER

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