

# weberkol XL STD

## Cement based tile adhesive

Technical Data Sheet:

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Revision No: 007

### ■ Description

Cement based tile adhesive

### ■ Reference standards

- TS EN 12004/C1 class
- CE
- Please see current "weber solution guide" for the classification introduced by TS EN 12004 norm about tile adhesives.

### ■ Advantages

- Easy application
- Safe use in tile application

### ■ Range of application

•Used for fixing ceramic, tile and similar coating materials on interior walls, floors. Bonding of aerated concrete and any other high water absorbing construction elements.

### ■ Application substrates

- Interior walls:
- Cement based render,
- Interior floors;
- Cement based screed,
- Concrete floor,
- Please consult us for all other application substrates.

### ■ Preparation of substrates

- The surface should be dry, smooth and durable.
- Plasters thinner than 3 mm on the substrate should be scraped and cleaned thoroughly.
- Very porous substrates should be wetted.
- Wait until the water layer disappears as the floor will remain damp.
- Important deformations or holes on the substrate should be repaired with **weberep** structural repair mortar minimum 24 hours before the application of **weberkol XL STD**.
- Local repairs thinner than 7 mm can be done by use

### ■ Conditions of application

- Ambient temperature is between +5 °C and +35 °C.
- It should not be used on substrates which are frozen or melting or have the risk of frost within 24 hours.
- Avoid application under direct sunlight, strong wind or hot surfaces.
- Avoid film formation by **weberkol XL STD** during application, if film is present, that area should be notched again..

### ■ Application

- Average 6,5-7,25 lt water and 25 kg **weberkol XL STD** should be mixed by with low-speed electrical mixer or trowel **weberkol XL STD** should be mixed for 1-2 minutes after aging for 5 minutes before the application.
- The mortar should be applied on the substrate and its thickness should be adjusted with steel notched trowel. Tooth size of trowel should be adjusted according to dimensions of tile and smoothness of application substrate.
- Mortar should be applied on both application substrate and backside of tiles if the tiles are bigger than 500 cm<sup>2</sup>
- For good adhesion force should be applied by means of rubber hammer and air should be ejected.

### ■ Application tools

Hand mixer, trowel, rubber hammer, steel notched trowel.

### ■ Consumption

Tile dimensions	Notched trowel	Consumption
120 cm <sup>2</sup>	6x6x6 mm.	One-sided adhesion 4 kg./m <sup>2</sup> Double-sided adhesion 5-6 kg./m <sup>2</sup>
120 cm <sup>2</sup> and 500 cm <sup>2</sup>	8x8x8 mm.	One-sided adhesion 5 kg./m <sup>2</sup> Double-sided adhesion 6,5 kg./m <sup>2</sup>
500 cm <sup>2</sup> and 2000 cm <sup>2</sup>	10x10x10 mm.	one-sided adhesion 5,5 kg./m <sup>2</sup> double-sided adhesion 7-8 kg./m <sup>2</sup>

### ■ Attention points

- This product is not used on metal surface floors subject to heavy traffic, prefabricated and underfloor heated floors, old painted surfaces, swimming pools, existing ceramic coating, gross concrete, plasterboards walls, surfaces exposed to climatic changes and subjected to difficult conditions
- 'C2' class ceramic tile should be used in applications on plaster pannel.
- Never add foreign materials.
- Attention should be paid to the proportion of water that is written on the bag.
- Adding too much or too little water to the product reduces the performance of the product
- All tools are used after application should be washed with water before drying.

The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high temperatures. Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş. is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.

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## ■ Technical Information

<b>Product</b>	<b>weberkol XL STD</b>
<b>Product Type</b>	Powder
<b>Colour</b>	Grey
<b>Packaging</b>	25 kg kraft bag (64 bags in pallet, 1600 kg).
<b>Application features</b>	
<b>Pot life</b>	Max 4 hours
<b>Open time</b>	Max 20 minutes
<b>Adjustability</b>	Max 15 minutes
<b>Time required for grouting</b>	24 hours (wall), 48 hours (floor)
<b>Time required for foot traffic</b>	24-48 hours
<b>Application thickness</b>	3 to 10 mm (one or both sides)
<b>Performance</b>	
<b>Initial tensile adhesion strength</b>	≥ 0,5N/mm <sup>2</sup>
<b>Tensile adhesion strength after water immersion</b>	≥ 0,5N/mm <sup>2</sup>
<b>Tensile adhesion strength after heat aging</b>	≥ 0,5N/mm <sup>2</sup>
<b>Tensile adhesion strength after freeze-thaw cycles</b>	≥ 0,5N/mm <sup>2</sup>

These values were obtained as a result of laboratory tests and they are valid for 28 days performance of finished applications. Values may vary due to differences on job-sites.

## ■ Storage

<b>Packaging</b>	• 25 kg kraft bag (64 bags in pallet, 1600 kg).
<b>Shelf life</b>	• 1 year as of the production date in dry and moisture- free environment provided that packages will not be opened. • Package should be kept tightly closed when not in use. Package should be protected against frost.

## ■ Safety Precautions

- Use the appropriate safety equipment (dust mask, gloves).
- Protect your eyes / face.
- Avoid contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of water and consult a specialist.
- Read the Material Safety Data Sheet for more detailed

## Legal Warning

Since there are different conditions and requirements that apply in any case, Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. cannot be liable for other than the information provided in this product datasheet.

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