

### ■ Description

Cement based tile adhesive.

### ■ 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.

### ■ Limits of application

- Not applicable on metal surfaces (**weber EP 800** should be used).
- Not applicable on floors with heavy traffic (e.g. industrial areas) (**weber.kol flex konfor konsantre** or **weber.kol flex konfor** should be used).
- Not applicable on prefabricated and heating floors (**weber.kol flex konfor konsantre** or **weber.kol flex konfor** should be used).
- Not applicable on wooden floors, old painted substrates, swimming pools and present ceramic coating. (See current "weber solution guide").
- Not applicable on concrete wall, gypsum plaster, gypsum board and gypsum block substrates. (See current "weber solution guide").

### ■ Application properties

- Pot life: max. 4 hours,
- Open time: max. 20 minutes,
- Adjustability: max. 15 minutes,
- Time required for grouting: 24 hours (wall), 48 hours (floor),
- Time required for foot traffic: 24-48 hours,
- Application thickness: 3 to 10 mm (one or both sides applications).

### ■ Performance

- Initial tensile adhesion strength:  $\geq 0,5 \text{ N/mm}^2$
- Tensile adhesion strength after water immersion:  $\geq 0,5 \text{ N/mm}^2$
- Tensile adhesion strength after heat aging:  $\geq 0,5 \text{ N/mm}^2$
- Tensile adhesion strength after freeze-thaw cycles:  $\geq 0,5 \text{ N/mm}^2$

*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.*

### ■ Reference standards

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

### ■ Attention points

- It shouldn't be used on exterior floors and walls
- It shouldn't be used for tiles bigger than  $1100 \text{ cm}^2$
- Never add foreign materials
- All tools should be cleaned with water before drying after the application

### ■ 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 **weber.rep MA 200** minimum 24 hours before the application of **weber.kol XL STD**.
- Local repairs thinner than 7 mm can be done by use of **weber.kol XL STD**.

### ■ Conditions of application

- Ambient temperature is between  $+5 \text{ }^\circ\text{C}$  and  $+35 \text{ }^\circ\text{C}$ .
- 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 **weber.kol XL STD** during application, if film is present, that area should be notched again.

### ■ Application

- Average 6,75-7,25 lt water and 25 kg **weber.kol XL STD** should be mixed by with low-speed electrical mixer or trowel **weber.kol 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  $500 \text{ cm}^2$
- For good adhesion force should be applied by means of rubber hammer and air should be ejected.

## ■ 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>

## ■ Packaging

Net 25 kg bag (64 bags in pallet, 1600 kg).

## ■ Pallet size

107 x 107 cm.

## ■ Color

Grey.

## ■ Application tools

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

## ■ Shelf life

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.

FOR INFO

- > 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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