

# weberkol XL flex plus

**Polymer added very flexible tile adhesive mortar with reduced slip, extended open time and improved with additional qualities**

**Technical Data Sheet:**  
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## ■ Description

Polymer added very flexible tile adhesive mortar with reduced slip, extended open time and improved with additional qualities.

## ■ Reference standards

- TS EN 12004/C2 TES2 class
- Public Works Pos No: 04.013/104.013/4
- Please see current "weber solution guide" for the classification introduced by TS EN 12004 norm about tile adhesives.

## ■ Advantages

- High performance with superlastic property.
- Safe and durable adhesion on tile applications on existing tile, swimming pools, heavy traffic floors, heating floors, primed plaster substrates.

## ■ Range of application

- Used for fixing ceramic, granite ceramic, marble, granite and similar coating materials at interior and exterior walls and floors

## ■ Application substrates

- Interior walls;
- Cement based render,
- Concrete,
- Gypsum board and gypsum plaster (**weberprim ART** applied),
- Existing tile
- Interior and exterior floors;
- Cement based screed,
- Concrete floor,
- Existing tile
- On exterior walls;
- Cement based render,
- Concrete,
- Existing tile and glass mosaic (**weberprim TG** or **weberprim ADR** applied).
- Swimming pools; cement-based plaster or screeds, concrete.
- 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.
- 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 mortars minimum 24 hours before the application of **weberkol XL flex plus**.
- Local repairs thinner than 7 mm can be done by use of **weberkol XL flex plus**.

## ■ 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 flex plus** during application, if film is present, that area should be notched again.

## ■ Application

- For grey color average 7,25-7,5 lt, for white color average 6,75-7,25 lt of water and 25 kg. **weberkol XL flex plus** should be mixed with low-speed mixer preferably or trowel until no more lump will remain.
- After aging **weberkol XL flex plus** for 5 minutes, it should be mixed for further 1-2 minutes before 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 behind the ceramics with below-mentioned sizes (back buttering).
- For granite ceramic, natural composed stone, etc.;
- **Interior floor applications:** 500 cm<sup>2</sup>
- **Interior floor applications:** 120 cm<sup>2</sup>
- For ceramic, tile etc.;
- **Interior wall and floor applications:** 1600 cm<sup>2</sup>
- **In all exterior, wall and floor applications.**
- 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>
between 120 cm <sup>2</sup> 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>
between 500 cm <sup>2</sup> 3600 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>

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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## ■ Attentions Points

- Not applicable on metal surfaces (**weber EP 800** should be used).
- On exterior walls ceramic up to 2000 cm<sup>2</sup> is not applied more than 6 m, 2000 cm<sup>2</sup> and 3600 cm<sup>2</sup> applied to more than 3 m.
- Not applicable on thermal insulation system (**weberkol flex konfor konsantre** should be used).
- For joint application weber,joint flex should be used.
- White **weberkol XL flex plus** should be used for light colored ceramic, similar coatings.
- Never add foreign materials.

## ■ Technical Information

<b>Product</b>	<b>weberkol XL flex plus</b>
<b>Product Type</b>	Powder
<b>Colour</b>	White and 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. 30 minutes
<b>Adjustability</b>	Max. 20 minutes
<b>Time required for grouting</b>	24 hours (wall and floor)
<b>Time required for foot traffic</b>	24 hours (for floors subject to heavy traffic, 1 week).
<b>Application thickness</b>	3 to 10 mm (one or both sides)

## 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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Performance	
<b>High tensile adhesion strength after heat aging</b>	≥ 1 N/mm <sup>2</sup>
<b>High tensile adhesion strength after freeze-thaw cycles</b>	≥ 1 N/mm <sup>2</sup>
<b>High tensile adhesion strength after heat aging</b>	≥ 1 N/mm <sup>2</sup>
<b>Extended open time:tensile adhesion strength(min.30 minete after</b>	≥ 1 N/mm <sup>2</sup>
<b>Transverse deformation</b>	S2 ≥ 5 mm
<b>Slip</b>	≤ 0,5 mm
<b>Heat resistance</b>	-15°C and +70 °C.

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