

weberkol XL flex

Cement based tile adhesive with reduced slip feature, extended open time and improved with additional qualities

Technical Data Sheet:
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■ Description

Cement based tile adhesive with reduced slip feature, extended open time and improved with additional qualities.

■ Reference standards

- TS EN 12004/C2TES1 class
- CE
- Public works Pos No: 04.380/008

■ Advantages

- Safe adhesion for large size coatings.
- Extended open time.
- Safe to use on floor heating systems.

■ Range of application

- Used for fixing ceramic, granite ceramic and glazed porcelain at interior and exterior walls and floors.

■ Application substrates

- Interior walls;
Cement based render,
Gypsum block, gypsum board and gypsum plaster (**weberprim ADR** applied),
- Concrete,
- Existing tile (**weberprim TG 5** and **weberprim ADR** applied).
- Exterior walls;
Cement based render,
Concrete floor.
- Interior floors;
Cement based screed,
Concrete floor,
- Existing tile (**weberprim TG 5** and **weberprim ADR** applied).
- Exterior floors;
Cement based screed,
Concrete floor.
- Private swimming pools;
Cement based plaster and screed,
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**.
- Local repairs thinner than 7 mm can be done by use of **weberkol XL flex**.

■ 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**.
- 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 of and 25 kg. **weberkol XL flex** should until no more lump will remain.
be mixed with low-speed mixer preferably or trowel After aging **weberkol XL flex** 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 backside of tiles with below-mentioned sizes (back buttering).
- **Interior floor applications:**
for granite ceramic, glazed porcelain, natural composed stone, etc., 500 cm² for ceramic, tile etc., ceramics larger than 1100 cm²
- **Interior wall applications:**
for granite ceramic, glazed porcelain, natural composed stone, etc. 120 cm² for ceramic, tile etc, ceramics larger than 1100 cm²
- **In all exterior floor and wall 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 ²	6x6x6 mm	One-sided adhesion 4 kg./m ² Double -sided adhesion 5-6 kg./m ²
between 120 cm ² 500 cm ²	8x8x8 mm	One-sided adhesion 5 kg./m ² Double -sided adhesion 6,5 kg./m ²
between 500 cm ² 3600 cm ²	10x10x10 mm	one-sided adhesion 5,5 kg./m ² double-sided adhesion 7-8 kg./m ²

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.

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş.

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■ Attention points

- Not applicable on metal surfaces (**weber EP 800** should be used).
- On exterior walls max. coating size is 1100 cm² max. height is 3 m.
- Not applicable on floors with heavy traffic (e.g: industrial areas) (**weberkol flex konfor konsantre** or **weberkol flex konfor** should be used).
- White **weberkol XL flex** should be used for light colored ceramic, glazed porcelain and similar coatings.
- Never add foreign materials.
- All tools should be cleaned with water before drying after the application.

■ Technical Information

Product	weberkol XL flex
Product Type	Powder
Colour	White and Grey
Packaging	25 kg kraft bag (64 bags in pallet, 1600 kg)
Application features	
Pot life	Max 4 hours
Open time	Max. 30 minutes
Adjustability	Max. 20 minutes
Time required for grouting	24 hours (on floor and wall).
Time required for foot traffic	24 hours
Application thickness	3 to 10 mm (one or both sides)

Performance	
High initial tensile adhesion strength	≥ 1 N/mm ²
High tensile adhesion strength after water immersion	≥ 1 N/mm ²
High tensile adhesion strength after heat aging	≥ 1 N/mm ²
Extended open time:tensile adhesion strength(min.30 after not less than 30 min	≥ 1 N/mm ²
Transverse deformation	2,5 mm ≤SI <5 mm
Slip	≤ 0,5 mm
Heat resistance	between -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

Packaging	• 25 kg kraft bag (64 bags in pallet, 1600 kg).
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. 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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