

weberkol flex rapid

Fast hardening cement based tile adhesive improved with additional properties

Technical Data Sheet:
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■ Description

Fast hardening cement based tile adhesive improved with additional properties.

■ Reference standards

- TS EN 12004/C2F class
- CE

■ Advantages

- Full drying in 4 hours by fast setting.
- Opportunity of fixing tile and grouting in the same day.
- Opportunity of foot traffic on the next day.

■ Range of application

- Used for coating materials such as fixing ceramic, marble, etc. on wall and floor at interior and exterior.

■ Application substrates

• Interior walls:

- Cement based render,
- Concrete
- Gypsum plaster, gypsum block and gypsum board (**weberprim art** applied).

• Interior and exterior floors:

- Cement based screed,
- Concrete floor,
- Old substrates (please see current "weber solution guide").
- Please see current "weber solution guide" for floor types and max. coating sizes to be applied with **weberkol flex rapid** on these surfaces.

■ 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 mortars minimum 24 hours before the application of **weberkol flex rapid**
- Local repairs thinner than 7 mm can be done by use of **weberkol flex rapid**

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

■ Application

- For grey colour average 5,75-6,25 lt. water and preferably 25 kgkraft bag **weberkol flex rapid** should be mixed with low-speed mixer preferably or trowel until no more lump will remain.
- 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 be laid and smoothness of application substrate.
- As the **weberkol flex rapid** sets fast, the mortar should be spread in very wide area considering application speed.
- Mortar should be applied on both application substrate and backside of tiles with consumption table mentioned size. (back buttering).
- **Interior floor applications:**
 - For granite ceramic, natural composed stone, etc.,
 - 500 cm² for tile bigger than 1100 cm²
- **Interior wall applications:** granite ceramic, natural composed stone, etc. 500 cm², for ceramic, tile, etc. bigger than 1100 cm².
- **All interior wall applications:** For granite ceramic, natural composed stone, etc., 120 cm², for ceramic, tile, etc. bigger than 1100 cm².
- **All exterior wall and floor applications.**
- Residuals of **weberkol flex rapid** during application should be cleaned with damp sponge and application should be carried on. It is difficult to clean **weberkol flex rapid** after setting.
- For good adhesion force should be applied by means of rubber hammer and air should be ejected.
- In applications, weight of the coating is as important as the size.

■ Application tools

Hand mixer, trowel, rubber hammer, steel notched trowel

■ Consumption

weberkol flex rapid	4-6 kg./m ²
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■ Attention points

- This product is not applied on metal surfaces, prefabricated and underfloor heating floors, exterior facades.
- Considering the speed of application, **weberkol flex rapid** mortar should be prepared in small amounts.
- Never add foreign materials.
- All tools should be cleaned with water before drying after the application.
- 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

*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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1/2 weberkol flex rapid

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■ Technical Information

Product	weberkol flex rapid
Product Type	Powder
Colour	Grey
Packaging	25 kg kraft bag (64 bags in pallet, 1600 kg).
Application features	
Pot life	Max 30 minutes
Open time	Max. 15 minutes
Adjustability	Max . 5 minutes
Time required for grouting	4 hours
Time required for foot traffic	4 hours later(light circulation)6 hours later (normal circulation) 12 hours later (intensive circulation)
Application thickness	3 to 10 mm (one or both sides)
Performance	
Fire response class	AI
Early tensile adhesion strength (max 6 hours later)	$\geq 0,5\text{N/mm}^2$
High Tensile adhesion strength after water immersion	$\geq 1\text{N/mm}^2$
High Tensile adhesion strength after heat aging	$\geq 1\text{N/mm}^2$
High Tensile adhesion strength after freeze-thaw cycles	$\geq 1\text{N/mm}^2$
Extended Open time tensile adhesion strength(after not less than 10 min.)	$\geq 0,5\text{N/mm}^2$
Slip	$\leq 0,5\text{ mm}$
Heat resistance	between -15°C +70°C

■ 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.

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.

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