

weber.kol flex extra konfor

High performance, very flexible tile adhesive (C2TES2)

Technical Data Sheet
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■ Description

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

■ Reference standards

- TS EN 12004 / C2 TES 2 class
- CE
- Public Works Pos No: 04.380/009

■ Advantages

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

■ Usage areas

- Interior walls; on
 - Cement based render, concrete, gypsum board and gypsum plaster (**weber.prim AS** or **weber.prim art** applied), fiber concrete board, existing tile surfaces,
- Interior and exterior floor; on cement based screed, concrete floor, existing tile surfaces,
- On exterior walls; cement based render, concrete, existing tile and glass mosaic (**weber.prim TG 5 applied**),
- Swimming pools; cement-based plaster or screeds, concrete,
- Old surfaces;
- Used for fixing ceramic, granite ceramic, marble, granite and similar coating materials.



■ Application substrates

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

■ Preparation of substrate

- 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 **weber.rep MA 200** minimum 24 hours before the application of **weber.kol flex extra konfor**
- Local repairs thinner than 7 mm can be done by use of **weber.kol flex extra konfor**.

■ 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 weber.kol flex extra during application. If film is present, that area should be notched again.

■ Application

- For grey color average 7,75-8,25 l, for white color average 7-7,5 l of water and 25 kg **weber.kol flex extra konfor** should be mixed with low speed mixer preferably or trowel until no more lump will remain.
- After aging weber.kol flex konfor 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 cm²
- Interior floor applications: 120 cm²
- For ceramic, tile etc.;
- Interior wall and floor applications: 1600 cm².
- 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 ²	6x6x6 mm	One-sided adhesion 4 kg./m ² Double-sided adhesion 5-6 kg./m ²
120 cm ² ile 500 cm ²	8x8x8 mm	One-sided adhesion 5 kg./m ² Double-sided adhesion 6,5 kg./m ²
500 cm ² ile 3600 cm ²	10x10x10 mm	One-sided adhesion 5,5 kg./m ² Double-sided adhesion 7-8 kg./m ²

■ Attention points

- Not applicable on metal surfaces (**weber EP 800** or **weber EP easy** should be used).
- On exterior walls, tiles up to 2000 cm² (45x45 cm.) should not be applied higher than 6 m. ; tiles between 2000 cm² (45x45 cm.) and 3600 cm² (60x60cm.) should not be applied higher than 3 m.
- For joint application **weber.joint flex** or **weber.joint HR flex** should be used.
- White weber.kol flex extra should be used for light colored ceramic, similar coatings.
- Never add foreign materials.
- All tools should be cleaned with water before drying after the application.

■ Technical Informations

PRODUCT	weber.kol flex extra konfor
Product Taype	Dust
Collor	Grey and white
Mixture Density	1,60-1,70 g/cm ³
ph amount (mixture)	~11
Packing	25 kg kraft bag
APPLICATION	
Water Amount	7,75-8,25 liters for grey 6,75-7,25 liters for white
Pot Life	Max. 4 hours
Open Time	Max. 30 minutes
Adjustibility Time	Max. 20 minutes
Time Required For Grouting Grouting	24 hours (wall and floor)
Time Required for Foot	24 hours (for floors subject to heavy traffic: 1 week)
Application Thickness	3-10 mm. (one or both sided application)
PRODUCT PERFORMANCE	
Fire Resistance Class	A1
High initial tensile adhesion strength	≥ 1 N/mm ²
High tensile adhesion strength after heat aging	≥ 1 N/mm ²
High tensile adhesion strength after water immersion	≥ 1 N/mm ²
High tensile adhesion strength after freeze-thaw cycles	≥ 1 N/mm ²
Extended open time: tensile adhesion strength	≥ 0,5 N/mm ² after not less than 30 min
Tensile Adhesion Strength	≥ 0,5 N/mm ²
Transverse deformation	S2 ≥ 5 mm
Slip	≤ 0,5 mm

Storage

Pallet size	107x107 (max. 3 pallets can be piled) 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. - Pelleted or petrified products should never be used.

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 safety information.

- 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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