

Fast-setting high performance tile adhesive with low dust technology

PRODUCT

webercol F1 is a monocomponent polymer modified fast setting high performance ready-mix tile adhesive. It is water-resistant and specially formulated for interior and exterior wall and floor applications.

Fast setting: ideal for areas that need to be accessed / grouted in few hours (shops, hospitals, commercial and domestic situations).

The addition of the new Low Dust feature allows a dust reduction by 90% during pouring and mixing of the product! The Low Dust effect will lead to:

- Cleaner working sites
- Easier and quicker renovation

SCOPE OF USE

The fast-setting aspect of **webercol F1** makes it particularly suitable in the following situations:

- Temperatures are low and adhesive needs to set faster than usual
- The tiled area needs to be accessed/grouted in few hours, such as hospitals, malls, public buildings
- Large thin tiles have to be laid and there is a risk that the corners of the tile go up in arrow shape if the tile adhesive does not set rapidly.

webercol F1 is suitable for the rapid set laying of all ceramic, mosaic, porcelain, stone, brick, clay and non-porous tiles. over difficult substrate such as cement board, gypsum, wood, a primer **webercol prime** is recommended prior the application of the tile adhesive.

CHARACTERISTICS

Color	Grey or white	
Mixing water %	20% (3L / 15Kg)	
Fresh density	1.56 ± 0.1	
Open time (min)	20 min @ 22°C	
Setting time (hrs)	2 hrs @ 22°C	
Pot life (min)	27 min @ 22°C	
Slip resistance	0 mm/15 min (non sag)	
High initial tensile adhesion strength (Mpa) -EN 1348:2007	28 days	2.3
Early tensile adhesion strength after not more than 6 hours (Mpa) - EN 1348:2007	6 hrs	0.7
Open time: tensile adhesion strength after not less than 10 min (Mpa) - EN 1346	6 hrs	0.7
	28 days	2.05
Open time: tensile adhesion strength after not less than 20 min (Mpa) - EN 1346	6 hrs	0.6
	28 days	2.1
High initial tensile adhesion	28 days	1.7



strength after water immersion (Mpa) - EN 1348:2007		
High initial tensile adhesion strength after heat ageing (Mpa) - EN 1348:2007	28 days	1.7
Deformable adhesive: Transverse deformation (mm) EN 12004		3.62

APPLICABLE STANDARDS

Class C2FTS1 as per EN 12004

INSTRUCTIONS FOR USE

SURFACE PREPARATION

Substrate must be sound and free from dust, grease, oil, cement laitance or any other foreign materials.

Over difficult substrates such as gypsum, wood, etc., prime substrate with **webercol prime** (formerly Colle primer).

PRODUCT PREPARATION

Mix one bag of 15 kg weber.col F1 with 3 liters of water by pouring the powder in the water progressively while stirring. An electric mixer with low rotation speed (<300rpm) should be used. Mix until a uniform lump-free paste is obtained.

PRODUCT APPLICATION

Apply **webercol F1** evenly on the substrate. Use a notched trowel to have the required thickness. Apply the tiles on the

substrate and press them firmly, while making sure that the paste does not slip from the tile sides. **webercol F1** can also be applied on the back of the tiles to ensure full adhesion on the entire surface.

CLEANING

Clean the tools with water after use. Cured materials can only be removed mechanically.

PRECAUTIONS

Apply **webercol F1** on the substrate by areas which can be tiled within a maximum of 15 minutes from application at 20°C. After that time, an outer skin may form thus preventing the tile from adhering properly to **webercol F1**. Adjustments to the tiles should only be made during **webercol F1**'s open time. It is recommended to leave a minimum width of 2 mm around the tiles before grouting.

Grouting the tile joints should only be done 3 to 8 hours (depending on site conditions) after tiling, using **weberjoint perfect**, **weberjoint** or **weberjoint thick**.

It is recommended to determine the suitability of all materials before proceeding with the installation.

CONSUMPTION

3 to 7 kg/m²

STORAGE

webercol F1 can be stored for 6 months in dry conditions, away from extreme temperatures.

SAFETY PRECAUTIONS

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics

are listed for guidance only. For more information, please contact the company's office in your location.

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