

Flexible High Performance Tile Adhesive

PRODUCT

webercol premium is a high-performance cement-based polymer modified adhesive for fixing all types of tiles and stones onto interior and exterior floors and walls.

webercol premium has a very strong bonding action in wet areas.

webercol premium is suitable for low absorbent tiles, marble, mosaics, with medium to large format. Ideal for both indoor and outdoor floors and walls.

Recommended for wet areas such as bathrooms and swimming pools.

BENEFITS

- Suitable for medium and large tiles, with low porosity
- Extended open time
- Resistant to temperatures between -20°C to +70°C
- External & internal application for walls and floors
- Vertical application due to its slip resistance properties
- Bonding strength exceeding the standard requirement.

SCOPE OF USE

webercol premium is used for fixing a wide range of tiles:

- Ceramic
- Porcelain
- Mosaics
- Sandstone
- Granite
- Marble
- Natural stones

Admissible substrates*:

- Concrete, screed
- Cement and lime-based plasters/renders
- Lightweight blocks
- Stone walls (cleaned and prepared)

*Use primer over difficult substrates such as gypsum, wood etc. Consult company for advice.

webercol premium can be used for tiling:

- Swimming-pools
- Bathrooms, kitchens, stairs, rooms
- Heated floors
- Façades, balconies, terraces
- Parking

*Small and medium sized swimming-pools with non-vitrified tiles up to 30*30cm



PACKAGING

25 Kg

CHARACTERISTICS

Color	Grey
Application Temperature:	5°C to 30°C
Composition	Cement, resin, silica sand and organic/inorganic additives
Mixing Ratio	5 to 6 lit./25 kg
Resting time after mixing process	2 minutes
Slip resistance comply with EN 12004	≤ 0.5mm
Compressive strength	>12 MPa
Pot life	4 hours
Open time	30 minutes
Waiting time to grouting	24 hours
Waiting time to walk on	24 hours

CONSUMPTION

	Tiling Technique	
Notched trowel	Single buttering	Buttering-Floating
6x6	4kg/m ²	6kg/m ²
9x9	6kg/m ²	8kg/m ²
Average values of consumption		

TEST RESULTS

Property	Test method	Result
Slip resistance	KS 2167-11	≤ 0.5mm
Initial tensile adhesion strength	KS 2167-11	1.35 N/mm ²
Tensile adhesion strength after water immersion	KS 2167-11	1.1 N/mm ²
Tensile adhesion after freeze-thaw cycles	KS 2167-11	1.1 N/mm ²
Tensile adhesion strength after heat ageing	KS 2167-11	1.35 N/mm ²
Open time (30 minutes)	KS 2129-Annex	≥0,5 N/mm ²

APPLICABLE STANDARDS

KS 2129 : 2009 ; KS 2167 : 2008
EN 12004

INSTRUCTIONS FOR USE

SURFACE PREPARATION

The support must consistent, clean and dry.
Check if existing cracks are treated and/or stabilized.
Check if shrinkage process is stabilized.
Ensure there are no oils and other substances that can negatively impact adhesion.
Check irregularities and ensure there are no deviations higher than 5mm. If existing, regularize with tile adhesives until 10 mm thickness.
On Gypsum based supports, ensure to apply a primer prior to tiling.

PRODUCT APPLICATION

Mix **webercol premium** by adding 5-6 liters of clean water per 25kg bag, either manually or with a slow speed (500rpm) mechanical mixer until a uniform lump free paste is obtained.
Leave the mix to rest for 2 minutes.
Spread the mixed product on the substrate with a notched trowel, to a maximum surface area of 2m².
Bed the tiles firmly unto the adhesive ensuring a good contact.
If tile sizes are larger than 900cm² (30x30cm), use the double buttering technique to ensure maximum contact between adhesive and tile.
Occasionally, remove a tile to verify good adhesion.

WARNING

Freshly tiled floor using **webercol premium** should not be exposed to any traffic or use in any manner for a duration of about 24 hours.

RECOMMENDATION

Avoid external tiling when environmental conditions are unfavorable such as rainy weather, strong wind, frost or direct exposure to strong sunlight.

The double-buttering technique should always be applied in external applications. Also, when tile surface is larger than 900cm² (both interior and exterior).

It is recommended to leave joints between tiles, this, to ensure release of tensions due to movements of the system and/or the elements. A minimum of 2mm width for interior and 5mm for exterior between tiles should be respected. Joints can be filled with **weber-joint grout**.
For tiles larger than 90x90cm, consult Saint-Gobain.

SAFETY INSTRUCTIONS

Consult MSDS and product packaging prior to using the product. For individual protection, the use of gloves and face masks to protect against dust is recommended.

STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

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.

NOTE

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