

Improved tile adhesive for indoor and outdoor uses

PRODUCT

webercol plus is a high-performance cement-based polymer modified adhesive for fixing most types of tiles and stones onto interior and exterior floors and walls. **webercol plus** has very strong bonding in wet areas. **webercol plus** is suitable for low absorbent tiles, marble, mosaics, with small to medium format. Ideal for both indoor and outdoor floors and walls. Recommended for wet areas such as bathrooms.

BENEFITS

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

SCOPE OF USE

webercol plus 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 plus can be used for tiling:

- Bathrooms, kitchens, stairs, rooms
- Heated floors
- Balconies, terraces
- Parking
- Façade and swimming pools, consult Saint-Gobain for advice.



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	20 minutes
Waiting time to grouting	24 hours
Waiting time to walk on	24 hours

TEST RESULTS

Property	Test method	Result
Slip resistance	KS 2167-11	≤ 0.5 mm
Initial tensile adhesion strength	KS 2167-11	0.85 N/mm ²
Tensile adhesion strength after water immersion	KS 2167-11	0.7 N/mm ²
Tensile adhesion after freeze-thaw cycles	KS 2167-11	0.6 N/mm ²
Tensile adhesion strength after heat ageing	KS 2167-11	0.75 N/mm ²
Open time (20 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 plus** adding up 5-6liters 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 plus** 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**.

CONSUMPTION

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

Average values of consumption

SAFETY INSTRUCTIONS

Consult MSDS and product packaging prior to using the product. For individual protection, is recommendable to use gloves and nose mask against dust.

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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