



Webercol Flex

Improved Tile Adhesive for
Internal & External Use

Tiling

PRODUCT

Webercol Flex is a polymer-modified cementitious tile adhesive with excellent bonding strength, extended open time, and superior slip resistance. Classified as C2S under EN 12004, it is ideal for demanding applications such as vertical walls, external facades, and large-format tiles. It's especially suited for Ghana's hot and humid conditions and high-traffic areas.

SCOPE OF USE

- Porcelain, vitrified, ceramic, and natural stone tiles
- Facade and large format tiles
- Indoor and outdoor walls and floors
- Bathrooms, kitchens, balconies, and terraces
- Commercial areas, shopping centers, and offices
- Suitable for vertical tiling with zero-slip performance

ADVANTAGES

- High adhesive strength
- Excellent slip resistance for vertical tile installation
- Extended open time for large tile surfaces
- Flexible and durable for light movement areas
- Water- and weather-resistant
- Suitable for exterior and high-traffic applications

APPLICABLE STANDARDS

EN 12004 – C2S

TECHNICAL SPECIFICATIONS

Appearance

Grey/White powder

Classification

C2S (EN 12004)

Open Time

≥ 30 minutes

Pot Life

Approx. 3–4 hours

Coverage

3–5 kg/m² (depending on trowel & tile size)

Shelf Life

12 months in original packaging

Slip resistance

≤ 0.5 mm (no sag)

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

- Surface must be clean, firm, dry, and free of dust or grease
- Roughen smooth concrete if needed
- Dampen highly absorbent surfaces before application
- Ensure substrate is structurally sound and cured (28 days for concrete, 7 days for render/screed)

RECOMMENDATIONS FOR USE

- Wait 24 hours before grouting
- Use white version for light or translucent tiles
- Suitable for outdoor and vertical applications

PRODUCT APPLICATION

- Mix powder with water to a creamy paste
- Let stand for 5 minutes, then remix briefly
- Spread using a notched trowel suited for tile size
- Press tiles into place firmly and adjust within 15 minutes
- Clean excess adhesive before it sets

PRECAUTIONS

- Not recommended for metallic, wooden, or gypsum-based substrates without a primer
- Do not add water once the mix has started setting
- Always use PPE (gloves, goggles, mask)
- Protect tiled areas from foot traffic, rain, and sun for 24-48 hours

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.

SAFETY PRECAUTIONS

The product irritates the eyes, airways and skin. Wear goggles with lateral protection, dust mask in areas with limited ventilation, proper work clothing and protective gloves. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

NOTE

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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