

## Thin bed epoxy tile adhesive

### PRODUCT

**webercol epo plus** is a 100% reactive solvent free, water cleanable designed for numerous applications needs. It provides excellent chemical resistance and exceptional adhesion on ceramic tile/vitrified tile/stone cement board, concrete and steel/metal surface.

It is chemical resistant, waterproof, moisture insensitive and fast curing system specially blended to produce a non-sag material.

### SCOPE OF USE

**webercol epo plus** can be used as tile adhesive in medium and heavy duty, hygienic and corrosive environment. It can be used in the following industries:

- Food Production – including meat, and fish processing, fruit canning, dairy products, etc.
- Chemical productions and processing
- Brewing and Distilling
- Soft drink production and bottling
- Workshop and garage.

### ADVANTAGES

- 100% solids
- Moisture insensitive for bond to dry or damp surfaces
- Resistant to chemical attack, including most acids and caustics
- Hygienic in service, will not support bacterial growth
- High mechanical and bonding qualities to all round substrate

### CHARACTERISTICS

Appearance	3-component
Part A	Resin
Part B	Hardener
Part C	Mineral charge
Colors	OFF white (after mixing)
Mix density	1.8 ± 0.05
Flash point	> 150°C
Pot life	Approx 1 hour at 30°C
Water cleanable	ANSI A118.3
Compressive strength	50 MPa at 7 days (ASTM C 579)
Adhesion on concrete	> 2.5 MPa (BS 1881)
Consumption	5 to 10 kg/m <sup>2</sup> depending on thickness
Service temperature	-20 to + 80°C

### APPLICABLE STANDARD

EN 12004:2007



### PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
18 kg	18 kg	18 kg	18 kg	18 kg	18 kg	18 kg	18 kg

### INSTRUCTIONS FOR USE

#### SUBSTRATE PREPARATION

New concrete must be a minimum of 28 days old. The surface to be covered shall be sound, dry, rigid, clean and free from impurities like grout, dirt, debris, oil, grease, curing agents, loose plaster etc.

#### PRODUCT PREPARATION

Part B (hardener) is to be added to part A (resin), not the reverse. Mix parts A and B for 2 minutes using a suitable electrical agitator at low speed to ensure the proper chemical reaction.

Add gradually the mineral charge (part C) to the premix of parts A and B and continue mixing for a further 2 minutes until all the mineral charges are completely wetted by the epoxy.

#### PRODUCT APPLICATION

Apply **webercol epo plus** evenly on the substrate with the notched side of the trowel using a scrapping motion to ensure good contact with the substrate. Additional adhesive may then be applied to have a uniform thickness of 3 to 5 mm maximum. Apply the tiles on the substrate and press them firmly, while making sure that the paste does not slip from the tile sides. For large tiles, **webercol epo plus** can also be applied on the back of tiles to ensure full adhesion with the entire surface.

Tiles should be placed within the open time of the adhesive. Remove surplus material from the face of the tiles immediately.

### CLEANING

Clean tools and equipment with water and soap while the material is still wet or use solvents such as Xylene, Xylol or toluene. Do not allow the epoxy to harden on equipments.

### 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

Ensure adequate ventilation during application and avoid inhalation of vapors. Wear suitable gloves, clothing and eye protection.

Direct contact with eyes will cause irritation and may cause serious damage if not treated. In case of contact with eyes, wash thoroughly with clear water and seek medical attention.

### 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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