webercol epo plus

Thin bed epoxy tile adhesive

Tile Fixing



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

PRODUCT

webercol epo plus is a 100% reactive solvent free epoxy tile adhesive, designed for numerous applications needs. It provides excellent and exceptional adhesion on low absorbtion substrates (existing ceramic vitrified tiles) ceramic tile/vitrified tile/stone, concrete and steel/metal surfaces.
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 harsh 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
- Resistant to chemical attack
- Hygienic in service, will not support bacterial growth
- High mechanical and bonding qualities to all roundsubstrate

CHARACTERISTICS		
Appearance		3-component
	Part A	Resin
	Part B	Hardener
	Part C	Filler
Color		Off white (after mixing)
Mix density		1.9 ± 0.1
Pot life		Approx 1 hour at 25°C
Compressive strength		50 MPa at 7 days (ASTM C 579)
Consumption		5-6kg over 3mm thickness
Service temperature		-5°C to + 60°C

APPLICABLE STANDARDS

EN 12004:2007

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 other way around. Mix parts A and B for 1 minute using a suitable

electrical mixer at low speed to ensure a proper chemical reaction. Add gradually the filler (part C) to the premix of parts A and B and continue further mixing 2-3 minutes until all the fillers are completely wetted by the epoxy, and a smooth paste is obtained.

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 3-5mm 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 still wet or use solvents such as Xylene. 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 goggles with side shields, protective gloves and respiratory mask. 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. The product is non-flammable. For further and complete information about the product's safety please refer to the safety data sheet.

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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