



KEM TILE WA

WHITE ADHESIVE FOR GLASS AND MARBLE

DESCRIPTION:

Kem Tile WA is a high performance white cement based polymer modified tile fixing adhesive for internal walls and floor. Suitable for external floorings, tile - on - tile applications, marbles, glass tile and natural stone.

PRODUCT SPECIFICATION / COMPLIANCES:

- Aspect : Free flow white powder
- W/p Ratio : 1:3 part by weight.
- Open time : 15 minutes at 30° C.
- Pot Life : 45 minutes at 30°C.
- Trafficable time: 24 hours at 30° C

PRIMARY APPLICATIONS:

Perfect adhesive for fixing all types of tiles vertically and horizontally. It is highly used in swimming pool, bathrooms, and commercial spaces, residential and exterior spaces.

PRODUCT FEATURES:

- Easy to use, needs only mixing with water
- Stops seepages through tile joints
- Excellent adhesion on ceramic surfaces
- Water resistant, very durable bond.
- Highly flexible to accommodate physical and thermal movements.
- Soaking of tiles and hacking of surface not required.
- Curing is not required
- Floor can be operated after 24 hours
- Suitable for indoor and tile on tile applications



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SUBSTRATE PREPARATION

The substrate must be solid, clean and load bearing. Oil stains, bond inhibiting surfaces and other residues must be thoroughly removed. Substrate irregularities on walls are to be made good. Concrete floors can be leveled with a self-smoothing screed leveler. Prime very absorbent cement based substrates and aerated concrete with a suitable acrylic primer diluted 1: 1 with water.

Minimum age of the substrate:

- Cement screed 28 days
- Concrete 6 weeks

APPLICATION METHOD

Place gauging water into a clean mixing vessel. Add the Kem Tile WA powder and mix the mortar with a suitable stirrer or mixer mounted on an electric drill until a plastic, lump-free consistency is achieved.

The water powder ratio for Kem Tile WA is 0.24 – 0.28 i.e. 25 kg bag requires 6 to 7 liters of water depending upon the temperature.

Allow a slake time of approx. 3 minutes for Kem Tile WA White Adhesive, and then remix briefly.

LAYING TILES

Apply a thin bond coat of Kem Tile WA to the substrate with the smooth edge of the trowel.

Comb mortar onto the fresh bond coat with a notched trowel. Apply the adhesive bed in one direction, if possible. Apply only as much mortar as can be covered with tiles during the working time.

Check the working time by touching the mortar with your fingertip.

Position and align the tiles by slightly pushing them into the adhesive bed.

PRECAUTIONS:

- Do not apply at temperatures below 5°C and above 35°C and under extreme hot and windy conditions.
 - The bond coat must be cured prior to the installation of tiles.
 - Mixed Kem Tile WA White Adhesive can be applied for approx. 20 minutes. Higher temperatures reduce, lower temperatures increase these times.
 - Substrates made of precast concrete elements and/or in-situ concrete must be at least 3 months old (at +23°C and 50% relative humidity)
 - The instructions of the gypsum manufacturers must be followed in case of gypsum and gypsum based substrates.
 - The open time is reduced in case of absorbent substrates
 - Never add water or dry powder to stiffened white adhesive.
 - When laying fully vitrified tiles on floors outdoors use white Adhesive in the buttering/floating method.
 - Tools and ceramics should be washed with water immediately after use; once the product has cured it can only be removed by mechanical means.

COVERAGE: **Glass tile** (60-70 sq.ft / 25Kg bag at 3mm thickness.30-35 sq.ft /25Kg bag at 6mm thickness) **Glass mosaics** (100 -110mm sq.ft /25 Kg bag at 2mm thickness) **Marble** (30-35 sq.ft/25 Kg bag at 6mm thickness)

STORAGE: Store in a cool and dry place away from moisture and direct sunlight.
Open bags must be closed immediately after use.

PACKAGING: 25 kg Bags

SHELF LIFE: Nine Months in original un opened bags in dry condition.

TECHNICAL SERVICE:

Chembond has established itself in various fields on the basis of its dependable technical service. For this purpose, we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call and would always be available for product demonstrations and product performance monitoring.

SAFETY PRECAUTIONS:

KEM TILE WA is cementitious alkaline product, care should be taken to avoid contact with eyes, skin mouth and food stuff. Any splashes on the human body must be washed with plenty of water.

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