



WENJEM ENTERPRISES CORP.



MASTERCOAT **TILE-ADHESIVE REGULAR**

is a pre-mixed cement based material with homogeneously mixed of graded sand, aggregates and compatible special additives especially formulated for laying and fixing of ceramic tiles to walls or floors on concrete surfaces.

<u>TECHNICAL DATA</u>	
TENSILE ADHESION STRENGTH BY PULL OFF TEST ASTM D 7234	≥ 0.5 N/mm²
COMPRESSIVE STRENGTH ASTM C 109	21 N/mm²
VOC CONTENT ASTM D 6886-12	0.49 G/L
PACKAGING	25 Kgs./Bag
COVERAGE	5 -7m² @ 3mm thickness
WATER DEMAND	6 - 7 liters of water.

Mastercoat Tile-Adhesive

Regular

USES:

For bonding of ceramic tiles to walls and floors on concrete surfaces suitable for both internal and external areas using the thin-bed applications.

SPECIAL PROPERTIES:

- Excellent adhesion
- Good workability
- Durable
- Non-sag and Non-toxic
- Ready to use
- Economical

SURFACE PREPARATION:

- The concrete surface must be structurally sound, clean and free from loose concrete, dirt, oils, and other traces of chemical contaminants
- Any laitance on the surface of the concrete in the area to be applied with Mastercoat Tile Adhesive shall be removed likely to prevent the adhesive bonding.
- Acid etching or grinding maybe used to remove cement laitance.
- If possible use compressed air for removing laitance and unsound concrete.

MIXING:

A mechanical powered mixer and a mixing paddle attached into a slow speed drill is needed to achieved best results.

- Measure the required amount of water to the desired consistency and put it to a non-absorbent mixing container.
- Slowly add the Mastercoat Tile Adhesive powder and continuous mixing should take place for 3 minutes or until uniform consistency is achieved.

Caution: Do not add more water after final mixing.

APPLICATION:

- Dampen substrates especially when installing in hot weather conditions.
- Using a notched trowel spread the mixture evenly over an area of 1 sq. m. at a time to produce a ribbed thin bed.
- Ensure that the spread adhesive is used within the adhesion open time of 20 minutes.

INSTALLATION:

- Lay down tiles and adjust accordingly.
- Use a rubber mallet to apply pressure on the tiles and assure proper bonding.
- Random checks if the back of the tiles are fully covered with tile adhesive.
- Use tile spacer for uniform grout lines.

POT LIFE:

3 hours at 25 deg.C. Open time: 20 minutes at 25 deg.C. Setting time: 24 hours at 25 deg.C.

COVERAGE:

25kg. of Mastercoat Tile Adhesive shall cover approx. 5 - 7 sq.m.

SHELF LIFE:

12 months when stored in dry condition.

SAFETY:

Mastercoat Tile Adhesive contains cement, as with any cementitious material, avoid prolonged skin contact.

