



MASTERCOAT BASECOAT

is a pre-mixed cement based structural grade material with homogeneously mixed of graded fine sand, aggregates and compatible special additives especially formulated to bind plasters where thicker application is required from 5mm up to 25mm maximum thickness. It is use for the repair of spalled surfaces of concrete walls and ceilings.

<u>TECHNICAL DATA</u>	
TENSILE ADHESION STRENGTH BY PULL OFF TEST ASTM D 7234	≥ 0.5 N/mm²
COMPRESSIVE STRENGTH ASTM C 109	25 N/mm²
VOC CONTENT ASTM D 6886-12	0.64 G/L
PACKAGING	25 Kgs./Bag
COVERAGE	5 m² @ 5mm thickness
WATER DEMAND	5 - 6 litres of water.

Mastercoat Basecoat Plastering Mortar

RECOMMENDED FOR:

- Repair of concrete surfaces
- Filling voids
- Honeycomb
- General patching works
- Thick traditional plastering

SPECIAL PROPERTIES:

- Excellent adhesion,
- Durable,
- Easy to use and apply,
- Non-sag and Non-toxic.

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 Basecoat 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 Basecoat** 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:

Mastercoat Basecoat can be applied up to a vertical thickness of 25mm. However, it is advisable to build up the 25 mm thickness in consecutive layers of 5mm to ensure maximum compaction and substrate adhesion.

- Using a steel or a wooden trowel apply the Mastercoat Basecoat evenly to the concrete surface from 5mm and let it be allowed to partly set before the application of the succeeding coat.
- Build up the desired thickness in consecutive layers of 5mm just before the first coat is about to set. (30 minutes to 1hour interval between coats).
- Repeat the procedure to build up in consecutive layers until the desired thickness is achieved.
- Smoothen the surface for the last time to the desired finish.

POT LIFE:

3 hours at 25 deg.C. Curing time: 24 hours at 25 deg.C.

COVERAGE:

25kg. of Mastercoat Basecoat shall cover approx. 5.0 sq.m. @ 5.0 mm thickness

SHELF LIFE:

12 months when stored in dry condition.

SAFETY:

Mastercoat Basecoat contains cement, as with any cementitious material, avoid prolonged skin

