

MasterTop[®] M 332

A solvent free flexible polyurethane epoxy membrane

DESCRIPTION

A two-component, solvent-free, flexible, polyurethane epoxy membrane used in conjunction with a reinforcing fabric to reduce the risk of cracks in the substrate mirroring through the **MasterTop** terrazzo overlays.

USES

MasterTop M 332 crack bridging membrane is recommended for use over concrete to provide a flexible waterproof membrane and as an aid to suppress cracks.

ADVANTAGES

- Solvent free
- Waterproof
- Seamless
- Tough
- Crack bridging properties
- Shock absorbing

PACKAGING

Available in 4.5 kg packs consisting of PTA (base) & PTB (reactor).

TYPICAL PROPERTIES*

Mixed density	1.05
Pot life @25°C	60 mins
Tack free time	24 h
Tensile strength ASTM D412	15 N/mm ²
Elongation ASTM D412	45%
Adhesion Lok-Test	1.96 N/mm ² (concrete failure)
Hardness ASTM D2240 Shore 'D'	70-78

APPLICATION GUIDELINES

MIXING

Pour PTB into PTA and mix with a slow speed drill and paddle until fully mixed avoiding entraining excessive air.

PLACING / APPLICATION

Immediately after mixing, spread the crack suppressant membrane by roller or squeegee to a thickness of 0.5 mm. Whilst the membrane is wet, apply the **MasterTop RM 10** and press into the liquid ensuring there is no entrapped air. Ensure a minimum lap of 50 mm is maintained when overlapping.

APPLICATION TEMPERATURE

Crack bridging membrane may be applied at ambient temperatures between 5°C and 45°C. Do not apply at temperatures below 5°C or where the temperature is likely to fall below 5°C within the first 2 hours.

ADDITIONAL TOPPINGS

Further **MasterTop** Flooring systems can be applied when the flexible membrane is tack free.

CLEANING

Tools may be cleaned with a suitable Xylene thinner before the product hardens.

COVERAGE / YIELD

MasterTop DTZ: 0.525 kg/m² (0.5 L/m²)

MasterTop CTZ: 0.80 kg/m² (0.76 L/m²)

STORAGE AND SHELF LIFE

Store in original containers under dry conditions and temperature at 10°C to 30°C. Do not expose to direct sunlight. The shelf life is 6 months when stored as above.

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QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a Management System independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

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