

EPOSEAL MMA

Rapid Cure Resin Sealer

DESCRIPTION

EPOSEAL MMA is a two pack, fast curing sealer. The product exhibits outstanding adhesion to concrete as well as steel, masonry, marine plywood and asphalt. The products fast curing characteristics allow rapid return to service.

USES

Eposeal MMA is used as an economical clear sealer for application where good chemical and abrasion resistance is required. An aggregate may be broadcasted into the applied coating to obtain a non-slip finish.

ADVANTAGES

- Rapid cure, even at low temperatures
- Excellent chemical resistance
- Excellent adhesion
- Cures at sub-zero temperatures
- Impervious to water

Property	Value
Pot life @ 20°C	15 minutes
Pot Life @ 10°C	25 minutes
Adhesive Strength to Concrete	3.8 MPa
Temperature Range	During Application: -30°C to +40°C In Service: -40°C to +90°C

PROCEDURE

Surface Preparation: Concrete shall be a minimum of 21 days old and the residual moisture content shall be below 6%. Ensure that the concrete is clean and free from dust, laitance, grease, oil, curing compound, and existing paint finishes etc. Blow holes and defective concrete shall be made good using a proprietary repair compound, eg. Eponite MMA. Suitable mechanical

treatment such as vacuum grit blasting is the preferred method prior to application as this ensures a good mechanical key. Steel surfaces shall be shot blasted to a nominal Sa 2.5 Swedish standard. All dust and grease shall be removed prior to coating application. If a delay is likely between blasting and application then it is recommended that the steel is primed to obviate flash rusting.

Mixing: Eposeal MMA is supplied as a two pack material: the RESIN component and the CATALYST component. Pour the contents of the CATALYST component into the BASE container and mix thoroughly. The mix ratio is relatively tolerant to variations within the range of 1% to 5% addition of CATALYST, so that part packs may be used if care is exercised.

Application: Apply by squeegee to distribute evenly over the floor, and then use a long nap lambswool roller to achieve a nominal application rate of 0.25-0.3kg/M². Allow to cure for a minimum of 40 minutes prior to applying a second coat. If a non-slip finish is required then the first coat shall be scattered with fine silica sand before hardening, and then over-coated with a second application of Eposeal MMA.

Equipment Cleaning: Clean equipment using Premcrete Cleaning Solvent prior to the product curing.

Curing: Allow a minimum of 1hour @ 20°C before accepting foot traffic and 2hours @ 20°C prior to vehicular traffic.

PACKAGING & COVERAGE

Pack Size: 5kg packs.

Yield: A 5kg pack is sufficient to prime an area of 15-20 m² per coat.

STORAGE & SHELF LIFE

Store in dry conditions at temperatures between 10°C and 20°C. Adequate ventilation of the storage area should be provided. Keep containers tightly closed



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when not in use. Eposeal MMA has a minimum shelf life of 6 months if stored in original unopened containers.

LIMITATIONS

Do not apply to wet or uncured surfaces. Eposeal MMA will taint food during application, so that all foodstuffs in the immediate vicinity must be removed or properly covered.

HEALTH & SAFETY

Eposeal MMA is flammable during application, so that adequate safety precautions should be observed. Wear gloves and goggles. Wash off splashes immediately with soap and water. Please refer to Material Safety Data sheet for additional information.