

## DESCRIPTION

PE-MC is a two component waterborne epoxy Deep Penetrating Primer. We recommend using PE-MC for all our epoxy PE-100 systems as a primer to maximise adherence of topcoats. Giving a 25 MVP rating.

## ADVANTAGES

- The low viscosity will penetrate deeper into the concrete.

## TECHNICAL DATA

COLOR	PART A UPON REQUEST	PART B AMBER	MIX UPON REQUEST
SHELF LIFE	12 MONTHS IN ORIGINAL UNOPENED FACTORY SEALED CONTAINERS. KEEP AWAY FROM EXTREME COLD, HEAT, OR MOISTURE. KEEP OUT OF DIRECT SUNLIGHT AND AWAY FROM FIRE HAZARDS.		
MIX RATIO, BY VOLUME	A : B : C = 0.50 : 0.68 : 2.60		
MIX RATIO, BY WEIGHT (GRAMS)	A : B : C = 0.56 : 0.70 : 2.60		
POT LIFE (454 G)	1-2 HOURS @ 25°C		
RECOAT WINDOW	4-6 HOURS		

## PROPERTIES @ 23 °C (73°F) AND 50% R.H.

DENSITY (KG/L)	PART A 1.10	PART B 1.04	MIX -
THINNER RECOMMENDED	WATER		

## SURFACE PREPARATION

The surface must be sound and clean. Compression resistance of concrete must be at least 25 MPa (3625 lbs./inch<sup>2</sup>) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs./inch<sup>2</sup>). BLASTRAC, sand blasting, diamond grinder w/30 grit or coarser or acid etching (followed by a thorough rinsing) is required to remove the surface laitance that appeared during the curing process.

## MIXING

In order to develop a viable coating, add the epoxy (A) to the curing agent (B) and mix to a thick paste.

Add the recommended water (2.60 L) in four equal portions and mix well for every addition.

The resulting primer is 24-25% solids.

## APPLICATION

Apply mixed product on the prepared surface tightly (thin film) using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

## CLEANING

Clean all tools and materials with soapy water followed by a solvent rise. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

## RESTRICTIONS

- Minimum/Maximum temperature of substrate: 10°C / 30°C (50°F / 86°F).
- Maximum relative humidity during application and curing: 85 %.
- Substrate temperature must be 3 °C (5.5 °F) above dew point measured.
- Avoid exterior use on substrates at ground level.

## HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

*\*Consult the material safety data sheet for further information.\**

## IMPORTANT NOTICE

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