



EPOXY

MEGABOND 6MV™

PRODUCT INFORMATION

PRODUCT DESCRIPTION Megabond 6MV™ is a two-component solventless epoxy binder system.

INTENDED USES Used for patching, topping and grouting spalls and defects in concrete.

PRODUCT INFORMATION

Color	6MV A - Clear
Finish/Sheen	Semi-Gloss (ISO2813:1978)
Part B (Curing Agent)	6MV B Amber Clear
Volume Solids	100% (ISO 3233:199
Mix Ratio	1:1 parts per volume
Typical Film Thickness	Varies as required
Theoretical Coverage	Varies depending on film thickness
Method of Application	Trowel
Flash Point	150°C
Induction Period	15 minutes

APPLICATION DETAILS

Mixing	Material is supplied in two pack containers Part A & Part B. Always mix a complete unit of the supplied proportions using a power agitator
Thinner	Not Recommended
Airless Spray	Not Recommended
Conventional Spray	Not Recommended
Brush/Roller	Not Recommended
Trowel	Recommended

DRYING INFORMATION

	28°C	32°C
Initial Gel Time (ISO1517:73)	1 hour 45 minutes	1 hour 15 minutes
Hard Dry (ISO9117:90)	17 hours	15 hours
Pot Life	1 hour 30 minutes	1 hour



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SYSTEMS AND COMPATIBILITY

Not applicable

STORAGE AND HANDLING

Storage

The product can be stored in sealed containers at 28 °C for a minimum of one year. Store in dry, shaded conditions, and away from sources of heat and ignition.

Pack Size

1 gallon kit

SURFACE PREPARATION

All surfaces to be bonded must be clean, dry and free of dirt and other materials to ensure good adhesion. Concrete surfaces should be cleaned by wire brushing. It is recommended to use either vacuum or compressed air blower to remove dust before applying epoxy. Concrete contaminated with only laitance and other than grease or oil may be acid etched as an alternative preparation. Dilute commercial muriatic acid with water at a ratio of 1:2. Pre-wet the concrete surface and apply acid solution at a rate of 1 pint/sq yd (1.8 m²/L). After the foaming action subsides, thoroughly flush off all residue with high pressure water. Allow concrete to dry before application.

LIMITATIONS

Do not thin this epoxy product with solvents. The resin and hardener should be mixed at temperature range between 4.4°C and 37.8°C (40°F and 100°F). Temperatures below this range would prolong curing time and may have adverse effects on the adhesion of the epoxy paint. While temperatures higher than this range may shorten the pot life and make the application difficult. Do not use direct heat on this product.

SAFETY PRECAUTIONS

Avoid contact with skin and eyes use proper equipment when handling material (i.e. gloves, goggles, face mask, barrier creams, etc.) Wash affected skin with lukewarm water and soap or suitable industrial cleaner. If come contact with eyes, flush eyes with water for at least 10 minutes and seek for immediate medical attention.

Important Note

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