



Epoxy.com Product #681

Methyl Methacrylate (MMA) Primer & Mortar

DESCRIPTION

Epoxy.com Product #681 (MMA) Primer and Mortar is a two component system used as a primer to assure a good bond of Epoxy.com Product #680 Polymer Concrete to existing substrates. Product #681 Primer consists of a liquid methyl methacrylate resin and an isocyanate resin. Epoxy.com Product #681 Primer is mixed at the jobsite and applied to the substrate (concrete, steel, or timber). The liquid penetrates the substrate and polymerizes into cured poly methyl methacrylate (PMMA).

ADVANTAGES

1. Low viscosity permits deep penetration of concrete, mortar, and timber.
2. 100% reactive resin system.
3. Dries tack-free in 30-40 minutes and is ready to have Polymer Concrete placed.
4. Can be used in temperatures as low as 32°F (0°C).

WHERE TO USE

On concrete bridge decks, garage floors, industrial floors, or as needed to improve bond of Epoxy.com Product #680 Polymer Concrete.

PHYSICAL PROPERTIES

Weight per Gallon	8 lbs. +/- .2 lbs.
Color	Light amber
Viscosity, Brookfield	750 cps +/- 50
Pot Life	90 minutes @ 32°F (0°C) 45 minutes @ 70°F (21°C)

SURFACE PREPARATION

The concrete, timber, or steel surfaces to receive Epoxy.com Product #680 Polymer Concrete must be clean, dry, and sound. The drier the surfaces, the deeper the penetration. To induce surface drying, heating blankets are recommended. Remove dust, laitance, grease, curing compounds, waxes, or other contaminants by sandblasting, abrading, or wire brushing.

MIXING

Open Component A resin and pour Component B (activator) liquid into Component A container. Units are premeasured for easy mixing. Mix for 2-3 minutes with a low-speed drill and Mixing Paddle until uniformly mixed.

APPLICATION

Pour mixed material immediately after mixing on top of concrete, steel, or timber and spread with squeegee, roller, or brush.

COVERAGE

Coverage depends on porosity of concrete, masonry, or timber surface. 50-150 square feet are recommended under normal conditions. If surface film develops on concrete, reduce rate of application.

PACKAGING

1-gallon or 5-gallon units.

LIMITATIONS

Do not leave puddles which can cause slippery surface.

CAUTION

DANGER! Flammable Liquid Contains Methyl Methacrylate. Do not use near open flame while smoking. Avoid Breathing vapors. Avoid contact **with skin**. **Wash thoroughly** after handling

USE IN WELL VENTILATED AREAS. FUMES CAN CAUSE IRRITATION.

FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

For more information please contact:

Epoxy.com.

352-489-1666 (Phone)

352-465-3497 (Fax)

info@epoxy.com

www.epoxy.com

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