

ELASTOPOXY PRIMER

TWO COMPONENT VOC COMPLIANT PRIMER



ELASTOPOXY PRIMER is a two-component solvent based VOC compliant epoxy resin based primer for use with the polyurethane coating systems. The primer may also be used with traffic coating and joint sealants.

Composition

Modified Bisphenol A-Epichlorohydrine epoxy resin cured with an Amine Hardener Mixture to set upto a durable tough film when used on wood, metal or concrete.

BASIC USES

- ELASTOPOXYPRIMER is specially formulated as a primer for polyurethane and Polyurea Coatings that are to be put down under conditions which would normally be considered adverse for application
- On green concrete (concrete that is more than 8 days, but less than 28 days old), concrete floors poured in metal pans, or where the surrounding water table might cause a damp condition, ELASTOPOXY PRIMER will set up to form a sound surface for polyurethanes and epoxies to bond to.
- ELASTOPOXY PRIMER also has excellent adhesion to metal and wood surfaces.
- It is suggested a test on metal surfaces prior to coating application. Used to promote adhesion of polyurethane deck coating systems, Polyurea systems, Joint sealants to concrete, wood, and metal. Also used as an interlaminary primer for deck and membrane re-coats.

TECHNICAL DATA

PROPERTY	TYPICAL RESULTS
Consistency	Fluid
Color	Yellowish to amber
Weight per gallon	9.55 +/- 1.10 pound (@ 75°F)
Viscosity (Brookfield)	600-700 max cps (@ 77°F)
Pot life	(@77°F) 2 hours
Dry to touch	2-3 hrs (@ 77°F, 50% RH min)
Mix ratio	(A/B) by volume 2:1
Solid Content	73% +/- 3% (volume)
VOC Content	Calculated 100 g/l
Shelf Life	12 months minimum (unopened containers stored in cool dry locations)
Cure Time Min	2 hours, max 8 hours

INSTALLATION

- All surfaces which are to be coated with ELASTOPOXY PRIMER must be free of contamination such as curing compounds, concrete hardeners, bond breakers, paint, etc.
- Water-curing concrete is recommended instead of using concrete curing compounds.
- All surfaces must be clean and sound, but may be damp
- Sandblasting is recommended when possible, other wise acid etching or wire brushing may be sufficient.

For best results

- Allow 20 to 30 minutes induction time after mixing the components before application on the substrate and,
- The surface that has been coated with ELASTO POXY PRIMER should be coated over after 2-3hours cure not to exceed 8 hours.
- If for some reason the primer is allowed to totally cure to a hard glass-like finish, the surface should be sanded, cleaned and re-primed with another coat of ELASTOPOXY PRIMER before coating over with a polyurethane and/or polyurea coating

ELASTOPOXY PRIMER may be applied by brush, roller or spray followed by back-roll.

For best results

Because of the difficulty in cleaning up or removing cured ELASTOPOXY PRIMER, equipment and tools should be cleaned immediately after use, with Ace tone or similar VOC exempted solvents available in the market. Use only water-based hand cleaners for skin clean up.

LIMITATIONS

All materials shall be delivered to the job site in unopen ed containers clearly marked and labeled. Containers that have been opened must be used up within one or two days since it is a moisture- reactive material. The material will cure when ex-posed to air. All surfaces must be completely free of foreign matter and primed, where necessary.

Caution! Product is flammable. Before using the products, always refer to MSDS for important warnings and safety information. Use only in areas with adequate ventilation. Avoid breathing vapors. Keep away from heat and flame. Avoid contact with eyes and skin. In the event of skin contact, remove immediately and wash with warm, soapy water. Wear suitable eye protection. Always wash hands before eating.

COVERAGE	200-250 sq.ft per gallon on rough surfaces. Up to 300 sq.ft per gallon on smooth surfaces.
PACKAGING	1 Liter and 1 US Gallon kit.
COLOR	A' Component is clear to yellowish clear. 'B' Component is yellowish to amber color

These products are designed and manufactured to be installed by professional installers familiar with surface preparation and application procedures. All others should consult a professional installer; those who choose to install these products without professional assistance do so at their own risk.

Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no warranty and or responsibility is assumed on the performance of work completion executed with use of our products.

"High Quality Construction Chemicals"
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