

ELASTOPOXY PRIMER

DAMP AND GREEN CONCRETE

A two-component epoxy resin based primer for use with the various Polyurethane Coating wherever necessary or required.

Composition : Modified Bisphenol A-Epichlorohydrin epoxy resin in combination with a Cycloaliphatic Amine hardener and solvents modified to set up to a durable tough film when used on damp or green concrete.

BASIC USES

ELASTOPOXY PRIMER is specially formulated as a primer for polyurethane coating and polysulfide sealants 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 layed 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 polysulfides to bond concrete, metal and wood.

Color: ELASTOPOXY PRIMER is a clear, slightly straw coloured liquid.

Sizes : 1 liter and 1 Gallon kits

TECHNICAL DATA

Consistency	: Fluid
Viscosity of mixture	: 54 cps
Application life	: 77°F at 50% relative humidity
Recoat time	: Min. 2 hours at 77°F Max. 4 hours at 77°F
Coverage	: 300sq. ft. per gallon yield 3 mils dry
Mixing ratio	: 1 to 1 by volume
Solids content	: 65% solids by weight 62% solids by volume

INSTALLATION

Surface Preparation :

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. We recommend water-curing concrete instead of using concrete curing compounds. All surfaces must be clean and sound, but may be damp. Sandblasting is recommended where possible, otherwise acid etching or wire brushing may be sufficient.

Coverage :

Approx.300 sq.ft. per gallon is the recommended coverage for membranes and figure approximately 1 gallon of primer for every 20-30 gallons of sealant, however, porous surface conditions will require slightly more material. All solvents must be allowed to evaporate off before application over **ELASTOPOXY PRIMER** is possible. Application of primer should not be carried out below 4°C. (40°F). A single coat of primer should be applied by brush, roller or spray.

Clean up :

Because of the difficulty in cleaning up or removing cured **ELASTOPOXY PRIMER**, equipment and tools should be cleaned immediately after use with xylene or M.E.K. if cleaning operations are performed in areas where safety regulations do not allow the use of flammable solvents, 1,1,1, Trichloroethylene may be used. Use only water base hand cleaners for skin clean up.

AVAILABILITY:

ELASTOPOXY PRIMER is supplied through building material dealers. Major contractors are supplied directly from CONSTRUCTION MATERIAL CHEMICAL INDUSTRIES.

QUALITY STATEMENT

CMCI manufacture 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 recommendation 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 guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.