Version 1 23.07.18

ISOTHANE EM PRIMER
Polyurethane Primer

PRODUCT DESCRIPTION
EM PRIMER is a specialised, high adhesion primer system designed to improve adhesion between a large variety of coatings and substrates. EM PRIMER is particularly suitable when used in conjunction with Isothane Elastomeric Membrane coatings or Isothane Foams. It is a moisture curing urethane prepolymer in solvent and its chemical similarity to EM coatings ensures good adhesion between the two within the specified overcoat times. It acts as a sealer on porous substrates such as concrete and will consolidate a friable substrate such as that of asbestos cement. It improves adhesion to difficult substrates such as non-ferrous metals.

References to the specific application of EM PRIMER are made in the Isothane Data and Applications Notes.

PREPARATION

GENERAL
- All surfaces should be sound, clean, dry and free from oil or grease.
- Remove loose material and flaking pain
- Brush and wash off soft and powdery surfaces
- Remove rust and corrosion from metals
- Abrade smooth metal, plastic and fibreglass surfaces
- Allow 28 days for new concentrate to cure and before removing laitance and applying primer

ROOFS
- Remove dust, dirt and loose chippings
- Kill fungal growth with fungicide and wash off thoroughly
- Fill cracks and voids with exterior mastic
- Cut open felt blisters, apply EMB underneath and tack down. Allow of evaporation of moisture.

APPLICATION
Apply EM PRIMER straight from the can by brush or spray. One application will normally suffice but some highly porous substrates may require two coats.

CLEANING
Use aromatic hydrocarbon solvent for cleaning equipment etc.

STORAGE, HANDLING & PERSONAL PROTECTION

The recommendations in our Safety Data Sheet for this product must be followed at all times. More general information is included in our publication “A Guide to the Safe Handling of Polyurethane Resins” and in the following Technical Data Sheets which are available on request:
- Fire Safety when Storing, Handling and Installing Polyurethane Foam
- Decontamination of Isocyanates using Isothane Decontaminant

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TECHNICAL DATA

Form	Straw coloured liquid
S.G	0.95
Flash Point	>60°C
Application Rate	Between 6-10m^2/litre dependent on substrate texture and porosity
Cure/Drying Time	Tacky film in 2-4 hours
Overcoat Time	Min 2 hours, maximum 48 hours
Application	0 - 40°C
Shelf Life	6 Months

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