

Description

Archco Rigidon Primer E1 is a low viscosity hydrophobic epoxy resin for the lining of steel, concrete, fibreglass, wood, asbestos cement, ceramic tiles and most other building materials. Cures under cold, damp conditions. Often used as a primer for polyurethane, polyester and epoxy linings on damp or green concrete.

Chemical Resistance

Most cold dilute acids and alkali. Most aliphatic solvents, sea water and petroleum products.

Mechanical Properties

Bond Strength -
Sand blasted steel - 330kg/cm²
acid cleaned aluminium - 315kg/cm²
@ 25°C -
acid cleaned alloy - 315kg/cm²
concrete - breaks concrete

Surface Preparation

All surfaces must be free of dust, oil and dirt. (See Preparation of a Concrete Substrate for detailed instruction)

Application Data

Mix the epoxy and activator in the proportions given. Mixing should be through using a mechanical mixer. Apply by brush, roller or airless spray.

Cleaning Equipment

Clean Equipment Immediately After Use With Archco Cleaner E2.

Suggested Uses

It is particularly suitable for lining process and storage vessels, concrete bunds, sump, and holding tanks, handling the most corrosive of chemical conditions.

Toxicity

Although E1 Primer is relatively Non-Toxic, It is recommended that the normal precautions in dealing with conventional epoxy systems are adhered to.

How to Order

Contact **Archco-Rigidon** Engineers for further information.

Archco-Rigidon Primer E1	Epoxy Resin
Colour	Light Amber
Consistency	Liquid
Mixing Ratio (Volume)	2 Epoxy to 1 Activator
Touch Dry	4 hours
Practical Cure	8 hours
Full Cure	7 Days
Ave. Spread rate	8-10m ²
Solvent Content	Nil