

## 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/cm<sup>2</sup>  
acid cleaned aluminium - 315kg/cm<sup>2</sup>  
@ 25°C -  
acid cleaned alloy - 315kg/cm<sup>2</sup>  
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 <sup>2</sup>
Solvent Content	Nil