



# **DRYFIX® EPOXY 2 PART LIQUID SURFACE MEMBRANE**

- **Liquid Applied Surface Membrane**
- **Apply to Dry and Damp Surfaces**
- **Rapid Hardening**
- **Solvent Free and Low Odour**



## **DRYFIX® EPOXY 2 PART LIQUID SURFACE MEMBRANE**

It is easily mixed and applied by roller prior to the installation of vinyl sheeting, tiles, carpet, suspended timber flooring, parquet flooring, laminate, self levelling latex screeds and most resin flooring systems.

Available in clear and in two colours, red and grey for easy identification for a two coat system.

Available in 2 Litre and 4.5 litre packs.



# DRYFIX® EPOXY 2 PART LIQUID SURFACE MEMBRANE

**DESCRIPTION:** DRYFIX® EPOXY 2 PART LIQUID SURFACE MEMBRANE is a twin pack, epoxy resin liquid surface membrane for concrete floors prior to the installation of vinyl sheeting, tiles, suspended timber floors, laminates, carpets and most resin flooring systems. This product will provide a water vapour barrier preventing residual moisture movement under hydrostatic pressure.

**USES:** It will provide protection against residual moisture from affecting subsequent floor covering installations. This coating is suitable for applications onto concrete floors that are cured or "green". Concrete surfaces can be dry or damp during the application. It is an ideal waterproofing coating for floors and walls in cellars, basements, plant rooms and water retaining structures.

**PREPERATION:** Ensure the surfaces are free from deep holes and wide cracks. Fill deep holes with PATCHING MOTOR or for small holes and cracks with EPOXY FILLER. For extremely uneven concrete, resurface using a water resistant, polymer modified, cement levelling topping prior to applying DRYFIX® EPOXY 2 PART LIQUID SURFACE MEMBRANE. To maximise adhesion, performance and or as an unprotected wearing finish, all surfaces to be treated must be clean, sound, free from dust, grease, oil and other forms of surface contamination. For large areas vacuum shot blasting is recommended. Vacuum the areas prior to application.

**MIXING:** Empty the entire contents of PACK B (Hardener) into PACK A (Resin) and stir using a mixing paddle in an electric drill on slow speed. Ensure you reach both the sides and bottom of the container during the mixing process. Having mixed use all within 30 minutes.

**APPLICATION:** Apply one coat on smooth surfaces and two coats on textured surfaces or when maximum performance is required. Apply the coating immediately after mixing and use all within 30 minutes by roller. When applying onto damp concrete ensure you work the coating well onto the surface. Where possible continue the membrane up the walls to meet the damp proof membrane. Do not cover expansion or construction joints.

## **PRODUCT DATA**

**COVERAGE:** A 4.5 Litre pack will cover up to 25m<sup>2</sup> for the first coat depending upon the porosity and texture of the substrate and approximately 30m<sup>2</sup> for the second coat.

**POT LIFE:** When fully mixed, approximately 30 minutes @ 20°C

**CURING/HARDENING TIME:** Tack free after 10 hours @ 20°C. Apply second coat within 24 hours of first coat. Do not apply at temperatures below 5°C. After 24 hours at 20°C the surface is suitable for subsequent pressure adhesion or application of a substrate resin flooring system.

**SOLID CONTENT:** 100%

**CHEMICAL RESISTANCE:** Good resistance to spillages of many chemicals commonly met within industry.

## **PROPERTIES OF THE SYSTEM:**

Parameter	Unit	Figure	Method
Hardness 13°C, 24 hours	Shore D	22	DIN 53505
23°C, 24 hours		56	
23°C, 7 days		75	
Compressive Strength	N/mm <sup>2</sup>	78	EN ISO 604
Bending Tensile Strength	N/mm <sup>2</sup>	70	EN ISO 178
Tensile Strength	N/mm <sup>2</sup>	41	EN ISO 527—1
Adhesion/Pull Off Strength	N/mm <sup>2</sup>	2	DIN EN 13 578
Abrasion Resistance	mg	55	Taber (CS10,1000,1000)
Bond Strength	Far exceeds the cohesive strength of concrete		
Water Vapour Permeability	>3gms/m <sup>2</sup> /day		

**COLOURS:** Clear, Grey and Red. (For a two coat system use one red and one grey for easy identification).