

## **RYECOAT WD WATER DISPERSED EPOXY FLOOR SEAL**



### **DESCRIPTION**

Ryecoat WD is a water miscible epoxy resin floor seal. It has good adhesion to a wide variety of substrates to produce a tough, hard wearing floor finish available in an attractive range of colours.

Ryecoat WD does not contain solvents and is therefore more acceptable for use in areas prone to tainting.

### **Composition**

Ryecoat WD is a two part water dispersed epoxy resin seal available in clear or colours.

### **Appearance**

Floors treated with Ryecoat WD have a semi-gloss silk finish.

### **Durability**

Ryecoat WD sealed floors show good abrasion resistance to foot traffic and light wheeled vehicles.

### **Thickness**

Nominal 200-250 microns for 2 coats

### **TYPICAL INSTALLATIONS**

Ryecoat WD is used as a decorative or clear dustproof seal on industrial floors in food preparation areas, warehouses, breweries etc.

### **Substrates**

Ryecoat WD adheres well to concrete, grano and asphalt. A single coat may also be applied directly to "green" concrete to provide early protection from other trades or as a curing membrane to control water loss.

### **Surface Preparation**

To be assured of maximum adhesion and properties from Ryebrook resin products, the correct surface preparation is essential. Please refer to technical data sheet "Surface Preparation" reference TD102.

### **Application Conditions**

5-30°C.

### **Priming**

On porous concrete it is recommended that a first primer coat of Ryecoat WD clear is applied prior to subsequent colour coats.

## Mixing

Add full contents of hardener container to full contents of resin container and mix with a slow speed stirrer for at least 2 minutes.

## Application Technique

This product is laid in compliance with BS 8204-6 Type 2. Apply by brush, roller or spray. The use of a paint tray is recommended for best results.

## Coverage Rates

	1st Coat	2nd Coat
Normal substrate	170g/m <sup>2</sup>	130g/m <sup>2</sup>
Porous and uneven substrate	220g/m <sup>2</sup>	170g/m <sup>2</sup>

## SPECIFICATION DETAIL

**Porous Uneven Substrate** - A minimum of two, but possibly three coats of Ryecoat WD may be required dependent upon profile and absorption, applied at the prescribed rates. Special attention should be paid to ensure pooling of product is avoided in depressed areas.

**Normal Substrate** - A minimum of two coats of Ryecoat WD will be required or one coat in combination with Ryepime DS. Thinning of the first coat with water, 10% v may be necessary to achieve adequate penetration/ adhesion. This will be dependent upon pre-treatment.

## Maintenance

Ryecoat WD treated floors can be readily cleaned using a proprietary cleaning solution.

## Cure Schedule

Pot Life @ 20°C	1.5-2 hours
Touch Dry Film Time @ 20°C	6-8 hours
Intercoat Period	8-24 hours
Foot Traffic	24 hours
Full Cure	7 days

## Chemical Resistance

Good resistance to a wide range of chemicals but not recommended as a chemical resistant finish due to thin sections being easily damaged by impact.

## Colours Available

Ryecoat WD is available in the full range of Ryebrook colours except White.

## TECHNICAL DATA

Compliant with BS476: Parts 6 and 7; in combination with Ryepime DS as a two coat system to Class '0', UK Building Regulations 1985: Section B2/3/4 Appendix A Part 15.

## Health and Safety

Please read technical data sheet reference TD103 and specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.

## Storage, Mixing & Application

The storage, mixing and application conditions can affect the quality of the finish produced. Please read technical data sheet reference TD104.

## Technical Advice

For further information on this or any other Ryebrook product, please contact our Technical Department on 01293 565500.