

ECOCOAT - Two Pack Water Based Clear Polyurethane Finish Coating. Issued: March 2021

INTRODUCTION

Ecoflor® ECOCOAT

Two component water based, non-yellowing polyurethane coating, medium solids, clear finish for brush or roller application

Use

Ecoflor® ECOCOAT is developed for use as a high-performance clear polyurethane finish coat for Ecoflor® MicroConcrete surfaces.

Features

- Non-yellowing polyurethane system
- Medium build
- Excellent wear and abrasion resistance
- Low odour during installation

Technical Data

| | |
|-----------------------------|---|
| Colour | Clear |
| Composition | Aliphatic Polyurethane |
| Mix Ratio | 3.3:1 Part A: Part B by weight or Volume |
| Film Thickness | 45 Microns Per Coat DFT |
| Coverage Rate | 15-20m ² per litre Coat |
| Dry Time (Dust Free) | Approximately 2 hours @ 20 degrees |
| Recoat Time | 2-4 hours in adequate drying conditions |
| Final Cure | 7 days |
| Shelf Life | 6 – 12 months unopened, store in cool, dry conditions |
| Clean Up | Water |

APPLICATION

Surface preparation

Substrate needs to be clean, sanded, dust and defect free.

Mixing

Mix EcoCoat – 3.3 parts of Resin to 1 part Hardener. Use a squirrel mixer (1gallon size) with a variable speed drill, according to the manufacturer’s recommendations. Add the hardener slowly and evenly into the mixing vortex in the resin component, while maintaining a consistent mixing speed throughout the addition. Avoid entraining air. Continue mixing for a minimum of three minute. Proper mixing of the viscous hardener into the low viscosity resin component is essential to achieve proper coating properties.

Filter before use. Mixed product has a pot life of 2 hours at 25 degrees.

Application

Use a clean microfibre roller or applicator bar and apply at a spreading rate of 15-20m² per litre coat. Thoroughly mix Part A and Part B components before application. Avoid entraining air.

Clean Up

Clean up with water.

SAFETY DATA

- KEEP OUT OF REACH OF CHILDREN
- Wear protective clothing and safety glasses. Gloves are essential
- Avoid contact with exposed skin
- Apply barrier cream before commencing work

Field Support

Field support where provided, does not constitute supervisory responsibility. Suggestions made by ECOFLOR either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they and not ECOFLOR are responsible for carrying out procedures appropriate to a specific application.

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