

# EPOXY EFFECTS

## EPOXY PRIMER SYSTEM



## ADVANTAGES

- 100% VOC FREE
- Virtually Odourless
- Self Leveling

## RECOMMENDED USE

- Concrete Sealer/Primer
- Anti-Corrosion Coating
- Epoxy Floor Coating
- Wood Coating

## PRODUCT DESCRIPTION

### EPOXY EFFECTS EPOXY PRIMER SYSTEM

Epoxy Effects Epoxy Primer is a light-coloured transparent non-flammable, two component epoxy resin primer.

Epoxy Effects Epoxy Primer can be used as a primer/bonding agent prior to the application of epoxy top coats.

## HOW TO USE

### BEFORE YOU BEGIN

It is important to read through the following information carefully to ensure the correct preparation and application of the resin to achieve a professional quality finish.

#### FLOOR PREPARATION

1. Grind your floor before use to ensure that there is no obvious water on or seeping through the floor.

2. Vacuum to ensure there is no remain dust on the ground or air Bourne contaminants.

## PRIMER APPLICATION

The success of the epoxy application depends on how well it can adhere to the surface. The strength of the bond relies on the epoxy resin's ability to key into the surface. The following steps are crucial to primary and secondary bonding.

For best results make sure surface has been cleaned thoroughly, dried and sanded.

#### STEP 1 – MIX MATERIALS

RESIN : HARDENER : WATER = 1 : 1.5 : 2.5

Materials are mixed and stirred with an electric mixer for 1 to 2 minutes until the liquid is milky in Colour, then add 2.5 parts of water, stir for another 2 to 4 minutes.

Then scrape and roll onto the surface.

Note: If the temperature is below 15°C stir for 5 minutes.

## PERSONAL PROTECTION

Whenever handling & pouring resin.

You should wear appropriate eye protection and gloves

(see detailed Safety Data Sheet for more information.)

## HOW TO MEASURE & MIX

### MEASURING

It is essential that the product be measured accurately and thoroughly.

Measure 1 part RESIN to 1.5 Part HARDENER to 2.5 Part WATER.

### MIXING RATIO:

## By Weight

100 RESIN: 150 HARDENER: 250 WATER

The mixing ratio must be accurately followed to ensure the resin cures correctly, failure to do so will result in poor or only partially cured resin.

The mixing container should be larger than the quantity of product you are mixing to avoid spillage.

## CURING TIME

Surface drying time for primer: 3 to 6 hours ( $\geq 20^{\circ}\text{C}$ , humidity  $\leq 60\% \text{ RH}$ ),

Solid drying time: 10 to 24 hours ( $\geq 20^{\circ}\text{C}$ , humidity  $\leq 60\% \text{ RH}$ ).

After the primer application is completed and the coating is dry, there is no whitening or porosity on the floor, if there is whitening It is necessary to check the bonding strength of the white areas and after drying, use roller to re-coated until the pores are completely closed.

## APPROX COVERAGE M<sup>2</sup>

On a smooth surface depending on substrate +30m<sup>2</sup>

## Other Products Available:

### Mica Powders, Pigments & Tints:

We have a range of pigments compatible with our full epoxy range on our website

### Epoxy Effects CounterTop Resin Kits:

Our two-component 1:1 CounterTop Epoxy system is designed to deliver an advanced level of shine, clarity and depth and locks in optical qualities of natural wood and art. Used in a variety of applications such as : Counter Tops, Bar Tops , Furniture, Art Work and other applications requiring a strong, durable plastic coating.

Crystal-clear, Excellent UV resistance, Self-Leveling, Self-Degassing, 100% VOC-free, 100% solid, Virutally Odourless and Heat Resistant up to 120°C .

### Epoxy Effects Internal Floor Resin Kits:

Our two-component 2:1 Internal Epoxy Floor system is 100% VOC-free, 100% solid and odour free. Specially formulated for Excellent UV Protection, Scratch Resistance, long pot life and working time.

### Epoxy Effects Infinity Floor Kits:

Here at Epoxy Effects we have designed our Infinity Internal Floor Range with some of the finest crushed stone including Marbles, Granites & Quartz.

Our full kit allows you to have all the advantages of our Epoxy Effects UVR Resin Bound / Bonded Kits with our seal coat to create a fine sand like floor with high gloss and shine. Once seal coat is applied and cured the floor is 100% Food Safe, UV Resistant, Scratch Resistant & Heat resistant up to 120°C.

### Epoxy Effects Deep Pour Kits:

Our two-component 3:1 Deep Pour Casting system is Crystal Clear, UV resistant, High Strength & Hardness.

### Epoxy Effects UVR Resin Bound / Bonded Kits:

Epoxy Effects UVR two-component polyurethane resin is used to create seamless decorative stone driveways & pathways. Some of the benefits of our UVR polyurethane resin are: UV resistant, SUDS Compliant, Weed Resistant, Slip Resistant, Frost Resistant, Seamless & Puddle Free.

### Stone Aggregates:

We have a range of Dried Stone Aggregates used to create seamless decorative driveways & Pathways. Our aggregate range have been tested & verified with our UVR polyurethane resin.

### Tools & Accessories:

Here at Epoxy Effects we strive to become a one stop shop for everything resin and our Tooling & Accessories Range is growing every day. Here you can find everything you need to complete your project start to finish.

## Disclaimer:

The details given in this specification are intended only as a guide. Actual details should be developed by project taking into account the specific circumstances of the intended application. Epoxy Effects Co. Ltd assumes no responsibility for improper reliance or misuse of the data herein. Product design and specification are subject to change with furture notice.