

## OXY-BOND PRIMER

Oxy-Bond Primer is a moisture tolerant, solvent-free epoxy resin for use on concrete and cementitious substrates. Specifically developed to be used on green and damp surfaces (eg water spillages or rain) prior to installing other resin coatings. On curing, Oxy-Bond Primer consolidates the substrate and helps improve the adhesion during the application of other coating systems.

### Characteristics & Advantages

- Solvent-Free and low odour
- Easy Mixing due to the low viscosity
- Easy to apply – can be applied by brush or roller.
- Moisture insensitive
- Excellent resistance to moisture

### Substrate Preparation

The substrate should be clean, dry and free of dirt, oil, grease or surface treatments and coatings. All loose friable material such as laitance, any surface sealer or non-bonded curing compounds should be entirely removed mechanically, preferably by light shot blasting, to yield a sound and even textured surface exposing aggregate.

### Application & Mixing

Condition the containers between 15°C and 25°C prior to mixing. Add the full contents of the hardener unit to the base unit and mix with a slow speed drill and paddle mixer until uniform. It is important that all the resin components have been mixed, taking care to ensure that the bottom and sides are thoroughly scraped. Avoid over mixing and air entrapment. Transfer to a suitable paint tray or container and apply evenly to the substrate as soon as possible by means of a short nap roller. A fine notch trowel may also be used to apply the material prior to rolling.

Sufficient material should be applied evenly so as to satisfy the porosity of the substrate without undue ponding. One or more coats may be needed to ensure that a uniform coating, free of pinholes and dry spots is achieved and to compensate for differences in surface porosity. If subsequent toppings require a mechanical key the surface may be covered with a fine aggregate immediately after application.



## Product Data

<b>Colour - Base</b>	Clear
<b>- Hardener</b>	Amber
<b>Pot life at 25°C</b>	45 minutes Colder temperatures will increase pot life and overcoat times, warmer temperatures will reduce them
<b>Curing Time</b>	18 - 24 Hours at 20°C
<b>Shrinkage</b>	Negligible
<b>Film Thickness</b>	250µ
<b>Overcoating Time</b>	8 hours @ 20°C
<b>Maximum Overcoating Time</b>	24 hours @ 20°C
<b>Application Temperature</b>	5 - 25°C
<b>Coverage Per Unit</b>	18m <sup>2</sup>
<b>Unit Volume</b>	4.5 Litres
<b>Density</b>	1.10/cc
<b>Shelf Life</b>	Indefinite in unopened containers
<b>Pack Size</b>	5L

## Health & Safety Information

Oxy-Bond Primer contains epoxy constituents and is classified as an irritant and may cause sensitisation on repeated skin contact. The hardener component is classified as corrosive. For further information and advice users should refer to the most recent safety data sheet.

## Important

The information and recommendations provided are given in good faith based on our current knowledge and experience. However, the differences in substrates, materials and site conditions are such that no warranty or fitness for a particular purpose can be inferred from this information or any written recommendations. The user must test the product's suitability for the intended use.

