

OXY-BOND WB

Oxy-Bond WB is a specially formulated two-part water based epoxy coating. It contains no solvents and is odourless offering advantages for use in sensitive, enclosed areas where solvent fumes or odour can cause tainting.

Oxy-Bond WB is recommended for use where a tough easily cleaned surface is required and offers a low-cost coating and bonding agent for concrete and building materials.

Application using a brush or roller to floors and walls will give a decorative durable finish. Ideal for industrial floors, warehouses and food storage areas, also as a dustproof, waterproof and surface hardener for concrete floors.

Characteristics & Advantages

- Impermeable to liquids
- Bonds to damp surfaces
- Excellent adhesion
- Solvent free, low odour
- Resistant to a wide range of chemicals
- Excellent for use on concrete, stone and bricks

Application & Mixing

All surfaces must be clean, sound and free from surface water. Priming with Oxy-Bond WB Primer is recommended on both porous and non porous surfaces to ensure the optimum mechanical and chemical key is obtained and also enables the Oxy-Bond WB to meet the coverage rates stipulated.

To mix, simply pour the activator component into the base component and stir the contents thoroughly until an even colour and consistency is obtained.

Apply by brush or short pile roller at an approximate rate of 7.5m² per litre per coat. Allow to cure for a minimum of 8 hours before overcoating and 24 hours for foot or light traffic. Brushes, rollers and mixing equipment can be cleaned using detergent and water. For application to floors or areas subjected to physical wear and or high levels of cleaning two coats are recommended at the reduced coverage rate.



Product Data

Colour - Base - Activator	A number of colours available Clear
Sag Flow	Non sag on vertical surfaces up to 1 mm thickness
Solid Content	60% - contains water
Working time at 20°C	45 minutes
Cure time - Initial - Full Cure	24 hours 5 days
Application Temperature	50°C minimum, 40°C maximum
Theoretical Coverage	7.5 - 10m ²
Dry Film Thickness	60 - 80 microns depending on coverage rate
Density	1.40g/cc

NB. Cure times given are for films applied at 100 microns wet film thickness and held at a temperature of 20°C and relative humidity of 65%. Films thicker than 100 microns, low temperature and/or high humidity will retard the cure rate and can substantially extend the drying time.

Health & Safety Information

Oxy-Bond WB contains epoxy constituents and is classified as an irritant and may cause sensitisation on repeated skin contact. The base is classified as an irritant and may cause severe eye irritation. 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.

