

### Description

WB Primer is a two pack, water dispersible Epoxy-based primer/sealer /clear coating, especially formulated to meet the technological and ecological requirements of modern building and industrial practice.

WB Primer is non-flammable and solvent free, is of low odour, and may be applied to dry or damp surfaces.

WB Primer has excellent adhesion to most building materials, is non-toxic once cured, and consequently is a highly versatile material lending itself to application in many different types of location and circumstances.

### Typical Uses

- ÿ As a clear sealer for concrete and masonry surfaces.
- ÿ As a primer for other Coatings e.g. S.F., Deckcoat, ET.
- ÿ As a damp surface primer or sealer for concrete.
- ÿ As a clear anti-graffiti coating.
- ÿ Suitable for use in food factories, chemical bunds, abattoirs, dairies, subways, laboratories, etc.

### Advantages

- ÿ Excellent adhesion to dry and damp surfaces
- ÿ Easy to apply
- ÿ Low odour
- ÿ Taint free
- ÿ Very good chemical and abrasion resistance
- ÿ Economical and versatile

### Typical Properties

Colour: Clear (when cured)

Pot Life@20C: 120 minutes

Adhesive strength to Dry Concrete:  
4.4 N/Sq.mm. (concrete failure)

Adhesive Strength to Damp Concrete:  
4.1 N/Sq.mm. (concrete failure)

Chemical resistance: Excellent resistance to water, dilute acids, dilute alkalis, petrol, diesel, xylene, white spirit, skydrol, etc.

Specific advice can be provided.

## **PROCEDURE**

### **1) Surface Preparation**

Surfaces should be sound, clean and free from standing water, laitance, oil, grease, and other contaminants.

New concrete should be allowed to cure for a minimum of 21 days. Floors should be mechanically abraded, scarified, grit blasted or acid etched where any subsequent coating is to be applied over the WB Primer.

**NOTE:** for steel work a coat of Steelprime is recommended as primer instead of WB Primer.

### **2) Mixing**

WB Primer is supplied in pre-weighed containers ready for mixing.

Pour the contents of the BASE component container into that containing the CURING AGENT component and mix thoroughly, preferably by mechanical means, until an even uniform material is produced. A low speed drill with paddle attachment is recommended for mixing operations.

**NOTE:** It is permissible to thin WB Primer by the addition of up to 20% by volume of clear water. This will reduce the viscosity, and facilitate application.

### **3) Application**

WB Primer should be applied by brush, roller or airless spray, at a nominal rate of 5 Sq.m. per Kg

a) As a sealer or clear coating - a second coat should be applied after a minimum of 16 hours.

b) As a primer - overcoating may be commenced as soon as the initial milky appearance has cleared.

### **4) Equipment Cleaning**

Clean equipment immediately after use, using Toolclean or a blend of Toolclean and water.

### **5) Curing**

WB Primer will be touch dry following 10 hours cure @ 20C, and hard dry after 16 hours cure @ 20C. Full chemical resistance will be attained following 7 days cure @ 20C.

### **6) Packaging**

WB Primer is supplied in 5Kg and 15Kg packs.

### **7) Coverage**

A 5Kg pack is sufficient to prime 25 Sq.m. of surface.

15 Kg pack pro-rata.

### **8) Storage and Shelf Life**

Store in dry, frost free conditions, out of direct sunlight.  
Recommended storage temperature range is 10C to 25C.  
Minimum of 12 months shelf life when stored in original unopened containers in accordance with manufacturers instructions.

### **9) Limitations**

Do not apply to uncured surfaces.  
Do not apply WB Primer to surfaces previously treated with water repellent chemicals.  
Do not apply to temperatures below 3C, or if there is a risk of frost during the initial curing period.  
Do not use WB Primer that has exceeded the stated pot life.  
Protect from water splashes during the first 24 hours of cure, as the fresh film is sensitive to water.  
Relative humidity must be below **85%** during the early stages of curing.

### **10) Health and Safety**

WB Primer is an irritant to skin and eyes.  
Wash off splashes immediately with soap and water.  
In case of accidental eye or mouth contact, flush with copious amounts of water and seek medical attention.  
Wear appropriate gloves, overalls and goggles during application.

WB Primer shall be applied strictly in accordance with the manufacturers instructions.