

# EPOXYCOTE WB CLEAR

## Two Component Water Based Epoxy Coating

### PRODUCT

Bostik Epoxycote WB Clear is a two component water based epoxy coating system for floor and wall applications.

### DESCRIPTION

Bostik Epoxycote WB Clear is a high performance two component water based industrial epoxy coating system available in a clear finish. Epoxycote WB Clear is designed for floor and wall applications where durability and chemical abrasion resistance is required.

### RECOMMENDED USES

- As a low odour very hard wearing and chemically resistant finish coating for industrial, commercial and hygiene areas subjected to rigorous cleaning or high wear.
- As an abrasion and chemical resistant floor coating with or without non-skid properties.
- As an anti-graffiti coating for high traffic areas such as railway stations, car-parks, etc.
- As a mould and bacteria resistant hard finish for wash rooms, shower cubicles, canteen areas and food preparation areas.
- As a high performance new construction or maintenance coating in the food industries such as abattoirs, dairies, canneries, wineries.
- As a finish coating in areas requiring low flame spread qualities.
- As a chemical and protective coating over Ultralevel HD
- Used in food and chemical industry, hospitals, schools, kitchens

### FEATURES & BENEFITS

- Easy clean up using water
- Can be used successfully as a wall, ceiling and floor surface coating
- Non flammable, negligible odour and toxicity
- Has excellent adhesion to most substrates including brick, masonry, concrete block, concrete, compressed fibre board, stone and timber.
- Resists mildew, mould and bacteria growth
- Withstands steam and chemical cleaning
- Long pot life and short touch dry time
- Aged coating may be re-coated with minimal surface preparation
- Easy graffiti removal from cured finish
- Non taint

### PERFORMANCE PROPERTIES

TEST	RESULT
Colour	Clear
Finish	High gloss
Volume Solids	47 + 1%
Mixing Ratio	1:1 (A:B) by volume
Recoat Time	4 –6 hours @ 25°C & 50% RH
Pot Life	2 hours @ 25°C/1 hour @ 35°C
Full Cure	7 days @ 25°C & 50% RH
Salt Spray Resistance (ASTM B117-571)	Passes 1000 hours
Atlas 'Weatherometer' (Xenon Arc)	Passes 3000 hours
Abrasion Resistance (ASTM D968-51)	Excellent
Fire Rating (AS 1530.3.1989)	Ignitability index = 0
	Spread of flame index = 0
	Heat evolved index = 0
	Smoke developed index = 2
Heat Resistance (Dry)	90°C

### PACKAGING

Epoxycote WB Clear is available in 20 litre and 4 litre kits.

### COVERAGE

#### Smooth Surface

First coat	5m <sup>2</sup> / Litre
Second Coat	7m <sup>2</sup> / Litre

#### Rough Surface

First coat	4m <sup>2</sup> / Litre
Second coat	6m <sup>2</sup> / Litre

Minimum of 2 coats is recommended in all cases.

To obtain a textured (slip resistant) surface it is recommended that Bostik Patchfix Fine Filler is broadcast onto the first coat of Epoxycote WB White whilst still wet. Then allow this to dry for a minimum of six (6) hours, remove excess filler. The residual Patchfix Fine Filler should be vacuumed or removed and a second coat of Epoxycote WB White be applied over the first coat ensuring the Patchfix Fine Filler is fully encapsulated with Epoxycote WB White.

### APPLICATION INSTRUCTIONS

#### Surface Preparation

All surfaces to be treated must be thoroughly cleaned free from all loose or flaking paint and must be free of all grease, oil, dirt, dust or other surface contaminants.

Any efflorescence or laitance must be removed from new concrete by abrasive blast cleaning, high pressure water washing or mechanical scrubbing.

Acid and chlorine etching should be avoided due to the risk of acid and chlorine penetration and should only be used on overworked steel trowelled finishes where cement rich surface has been obtained.

**NOTE :** New concrete should be allowed to cure for 21 days prior to coating application unless Bostik Moisture Seal a vapour barrier is used prior to application. The Moisture Seal should be applied as per instructions and allowed to dry for a minimum of 24 hours prior to application of Epoxycote WB Clear.

**PRIMING**

Epoxycote WB Clear does not normally require priming prior to application, however, if the concrete substrate is porous a primer coat of Guardcote WB should be applied. This should be followed by two (2) consecutive coats of Epoxycote WB Clear.

**MIXING**

Each component should be thoroughly mixed ensuring the mixer tools are clean prior to use with each component. Thoroughly mix the two components in the ratio of 1:1 (components A:B) by volume using a mechanical forced action mixer with a high shear stirrer until a homogeneous liquid is obtained. **DO NOT DILUTE WITH WATER**

If a coloured coating is required the use of Epoxycote WB Colour Pack is required. A range of colours are available and a colour chart is available on request. Epoxycote WB Colour Packs Light Grey, Arctic Blue, Medium Grey, Yellow should be added to Epoxycote WB White base to produce the selected and correct colour. For a Black or Terracotta coloured finish use Epoxycote WB Clear only. All contents of the Colour Pack should be added to the full kit of Epoxycote WB White. Part packs should not be mixed as this will result in inconsistency in colour. A colour pack for a 4 litre kit is available in 100ml containers and for a 20 litre kit is available in 500ml containers. Part packs should not be mixed as this will result in an inconsistency in colour.

**PLACING**

Apply using a brush, roller or spray. A minimum of two (2) coats is recommended for optimum results. Where high levels of chemical resistance and/or corrosion resistance is required a minimum of three (3) coats should be applied. Allow a minimum of six (6) hours drying time between coats.

**PRECAUTION**

- Do not apply if the surface temperature is below 10°C or near 10°C and falling, above 35°C or above 85% relative humidity.
- In enclosed areas, such as tank internals, ventilation should be provided during the curing cycle to enable adequate evaporation of the water.
- Do not dilute with solvents or water.
- Do not apply to steel or metal surfaces as corrosion will occur.
- Discard any material which has exceeded the pot life or working time of the product.
- Will discolour to form a light yellow film in the presence of U.V

**P.A.T.S (Pretested Adhesion To Substrate) Programme**

Bostik offer a service in which a program has been established to eliminate potential field problems by pre-testing Bostik adhesives with samples of building materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information.

**HEALTH AND SAFETY**

Product should only be applied in well ventilated areas and should be kept away from sensitive areas of the body as prolonged exposure may cause skin and/or respiratory irritation.

- Protective mask and safety glasses should be worn for spray application due to atmospheric particulates.
- Avoid contact with the skin, eyes and avoid breathing its vapour
- Wear protective gloves when mixing or using
- If poisoning, occurs, contact a doctor or Poisons Information Centre
- If swallowed, do not induce vomiting, give a glass of water
- If skin contact occurs, remove contaminated clothing and wash skin thoroughly
- If in eyes, hold eyes open, flood with water for a least 15 minutes and see a doctor
- For more detailed information refer to the **MATERIAL SAFETY DATA SHEET.**

**CLEAN-UP**

Wash all equipment in water or water/detergent immediately upon completion of application and mixing.

**STORAGE**

Store between 10°C and 30°C. Shelf life is 1 year in original unopened container.

**FIRE**

Epoxycote WB Clear is non flammable.

ITEM NO.	STOCK SIZE	COLOUR
<b>EPOXYCOTE WB CLEAR</b>		
289191	4 Litre Kit	Clear
289205	20 Litre Kit	Clear
<b>PATCHFIX FINE FILLER</b>		
272140	20kg	Beige
<b>GUARDCOTE WB</b>		
289396	4 Litre	Clear
289148	20 Litre	Clear

The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik Australia Pty Ltd be liable to anyone except for replacement of the products or refund of the purchase price.

**ALL SALES ARE EXPRESSLY LIMITED TO THE TERMS AND CONDITIONS OF SALE OF BOSTIK AUSTRALIA PTY LTD**

**FOR FURTHER INFORMATION**



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