

# DURACOTE HB

## A COMPLETE POLYURETHANE FLOORING FOR EXPOSED ROOF

### DESCRIPTION

**DURACOTE HB** is a specially formulated high built, general purpose product in combination of polyamide epoxy primer and pigmented polyester polyurethane coating for multi-purpose finish to steel and concrete surfaces. It incorporates anti-skid property as a safety feature for most of the exposed R.C roofs on buildings.

### USES

Ideal for use as coating on floor, wall, steel, timber as well as areas where protection against chemical and suitable for wet traffic floor. **DURACOTE HB** has an extremely durable finish for interior and exterior uses. Designed to resist chemical, ultra violet and abrasion.

### FEATURES

- ✓ Outstanding gloss and stable color retention.
- ✓ Extremely durable, recommended for use in vandal-prone areas.
- ✓ Exhibit good adhesion on most substrates and as a safe anti skid floor.
- ✓ Versatile, ultimate in protection and decoration.

### SURFACE PREPARATION AND APPLICATION

Ensure all surfaces are clean and free from dirt, dust and oil; otherwise, mechanical grinding is required. Fill any gaps, cold and expansion joints with a compatible low modulus polyurethane sealant. Surfaces should then receive a coat of **DURACOTE HB** primer which is epoxy based at 8-10m<sup>2</sup> per litre.

Two more thick brush coats of **DURACOTE HB** should then be applied to all internal corners, sills, hobs, outlets, penetrations, cracks, etc and each coat allowed to dry fully. Thinning of **DURACOTE HB** should not be more than 15%.

Apply the **DURACOTE HB** complete system by brush, roller or squeegee in total of three coats inclusive of one priming coat to achieve a minimum film thickness of 150 microns.

Where a trafficable coloured finish is required, fine silica sand is sprinkled to provide a good anti-skid surface.

TYPE  
  
ARCHITECTURAL  
COATING

ADVANTAGES  
  
GLOSS  
RETENTION  
  
ANTI  
SKID

COVERAGE (PER COAT)  
**0.2-0.3** L/m<sup>2</sup>  
COATINGS  
**2** coats (min)

COMPONENT  
**1**  
PART

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## TYPICAL PROPERTIES

⇒ Colour	Standard CHEMIND Colour. Custom colours are available upon request.
⇒ Recommended Dry	150 microns Film Thickness
⇒ No. of Coats	2
⇒ Estimated Coverage per Coat	0.2-0.3 L/m <sup>2</sup> at 150 µm DFT
⇒ Pot Life	2 hours at 30°C (Opened)
⇒ Shelf life	Above 12 months if kept in tightly sealed at 25°C
⇒ Drying Time	4 hours at 30°C
⇒ Thinner	Solvent by CHEMIND
⇒ Volatile Organic Content (VOC) (ASTM D3960)	< 40 g/L
⇒ Solar Reflectance Index	> 82% (White)
⇒ Slip Resistance (ASTM E303-93)	47 BPN

## COVERAGE AREA

DURACOTE HB is applied at a rate of 0.2-0.3 L/m<sup>2</sup> per coat. A minimum of 2 coat IS required.

## CLEAN UP

DURACOTE HB can be removed and cleaned by general purpose solvent.

## PACKAGING

In 20 litres pails.

### Legal Notes:

'Statements made in this bulletin are for the assistance of our customers. They are based on our experience and judgment but must not be regarded as amounting to a legal warranty or as involving any liability on our part. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of this product must test the product's suitability for the intended application and purpose. CHEMIND reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. Users may always refer to the most recent issue of our Product Data Sheet for the products concerned, copies of which will be supplied upon request.'

Made In Malaysia



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## SCOPE OF REGISTRATION AND STANDARDS

Manufacture of Waterproofing materials. Compliance SIRIM testing. Compliance with ASTM technical standards and AS 3740 - 2004 Australia Standard.

