

# Floorcoat SB

## Epoxy Primer



### DESCRIPTION

Two component, solvented epoxy/polyamide cured, ambient curing, clear primer

### INTENDED USE

Speccoats Floorcoat solvent based epoxy primer is a two part penetrating primer/sealer that can be applied to suitable prepared concrete floors prior to the application of solvent free epoxy and polyurethane floorcoats

### Physical Properties

- Low viscosity- easy to apply
- Suitable for traffic in 8 hours
- Excellent sealer for machine abraded floors
- Excellent adhesion to substrate and subsequent floorcoats

### PACKAGING

- 5 & 20lt Kits

### LIMITATIONS

- Not suitable for damp floors
- Avoid applying over the recommended thickness. Bond strength is reduced by retained solvents

### STANDARD COLOUR AVAILABILITY

- Clear



### PRODUCT INFORMATION

- **Number of Components:** 2
- **Mixing Volume Ratio:** 3:1
- **Volume Solids:** 45%
- **Density:** 0.99 kg/litre
- **Film Thickness:** Wet 55µm  
Dry 25µm
- **Spreading Rate:** 18m<sup>2</sup> /lt @ 25µm DFT
- **Temperature Resistance:** 80°C
- **Pot Life:** 4 Hours at 25°C

### SURFACE PREPARATION

- Degrease surfaces with **Speccoats Hydrosolve** followed by a high pressure water rinse

#### Preparation Of Floor Surfaces For Coating

- The coating must only be applied surfaces where the cement or concrete aggregate has been bared by grinding or blast cleaning. Further advice as to what type of equipment should be used for this task is available from **Speccoats Technical Service Department**
- Allow the surface to dry out prior to application. Moisture content measured using a Protimeter or Max Doser Instrument supplied by Speccoats must be less than 5%
- The entire surface must be thoroughly vacuumed prior to commencement of the coating. Good housekeeping is essential to achieve high quality floor coating. All tools must be kept clean (free of gelled material) for the duration of the work

#### Control Of Personnel During Coating

- Only properly equipped personnel should be allowed on the floor being coated (clean Overalls)
- All other personnel and operations must be 'off site' to prevent contamination onto the floor
- It is advisable to have material stocks in excess of the calculated requirements
- After completion of the application, the work area should be sealed off and the traffic diverted for the full curing period





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## APPLICATION

### Mixing –Two Component

- Stir base using a suitable mechanical stirrer until homogeneous and then add activator components while stirring. Stir in activator for 5 minutes until homogeneous.

### Application – Equipment & Methods

 Brushes	<ul style="list-style-type: none"> <li>Starting at the furthestmost point away from the final exit point, and using good quality brushes or rollers. Apply an even, thin coat to the area to be coated. Avoid pooling the product</li> </ul>
 Rollers	

### Thinning

- This product can be thinned using **Speccoats HS Epoxy Thinners**

### Cleaner

- All equipment should be cleaned immediately after use with **Speccoats SA65 Thinners**

## APPLICATION ENVIROMENT

Level	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	10°C*	10°C	0%
Maximum	30°C	45°C	85%

## DRYING TIME

Touch dry	Over-coating interval		Suitable for Light Traffic	Full Cure
	Minimum	Maximum		
4 hours at 25°C at 65% RH	8 hours at 25°C at 65% RH	-	8 hours at 25°C at 65% RH	-

## STORAGE AND HANDLING

- Storage -** Store at temperatures between 5°C and 40°C, away from direct sunlight, open flames or sparks
- Shelf Life -** Minimum 5 years when packed in original containers
- Flash Point -** 6°C

## HEALTH AND SAFETY

- Adequate ventilation should be provided during use
- Avoid contact with the skin by using gloves, barrier creams and face mask
- If the product comes into contact with the skin, wash immediately with lukewarm water and soap, if the eyes are affected flush with water of diluted boric acid solution and seek medical attention immediately
- Refer to Material Safety Data Sheet (MSDS)

## DISCLAIMER

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product. **ISSUE DATE 22/11/2010**