

# POLYCOAT HB

High build, solvent free, polyurethane coating

## Description

POLYCOAT HB is a three-part, solvent free, high build polyurethane wearing coat. It has excellent resistance to abrasion and chemical attack and is suitable for food preparation areas.

## Appearance

Smooth matt finish or textured surface in combination with aggregate scatter.

## Substrates

Concrete, asphalt, polymer reinforced screeds, grano concrete.

## Unit Size

3 kg

## Coverage Rates

The coverage achieved will depend on the porosity and texture of the surface to which it is applied and the prevailing ambient temperature. As a guide, a rate of 15 - 20 m<sup>2</sup>/unit/coat on smooth surfaces. A nominal 0.25 mm coating should be achieved from two coats.

## Physical Properties

Working time @ 15°C	15 minutes
Tack free time @ 15°C	8 hours
Overcoat period @ 15°C	16 - 30 hours
Adhesion to concrete/asphalt	>1.5 N/mm <sup>2</sup>
Light traffic @ 15°C	24 hours
Full cure @ 15°C	5 days

## Application Instructions

All surfaces should be structurally sound with a clean, dry surface (less than 75% RH) and free from dust, laitance, oil, paint or other forms of contamination. Grit blasting, grinding or scarification should be used to removed surface contamination.

## Mixing

Transfer the entire contents of the brown part B component into the part A component and mix for a minimum of 1 minute using a slow speed drill & paddle mixer. Add the filler component (Part C) slowly whilst mixing and continue for a further 2 minutes until a lump-free consistency is achieved. Periodically scrape the bottom and sides of the mixing vessel. Never mix by hand!

## Application

Apply in temperatures between 5 and 30°C. Do not apply if the ambient or floor temperature is likely to drop below 5°C within the next 24 hours.

Immediately after mixing, apply at the prescribed coverage rate using medium nap roller directly from a paint tray/scuttle. It is important to work quickly as the cure rate is relatively quick.

## Limitations

POLYCOAT HB is not colour stable and may discolour on ageing. Therefore, lighter colours are not recommended. This will not adversely affect the performance of the system.

## Cleaning

Tools may be cleaned with CEMART TOOLCLEAN solvent.

## Health & Safety

Please consult the appropriate Material Safety Datasheet prior to using any Cemart products.

## Storage

Store in clean, dry conditions between 10 and 30 °C in original, unopened containers. Shelf life is 12 months from date of manufacture for parts A and B and 3 months for Part C. Part C is available separately.

## General Guidance

This data sheet is intended for general guidance purposes and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from our Technical Department.

### **Health and Safety**

Avoid contact of the material with skin and eyes.  
Wear appropriate gloves, overalls and eye protection during use. Please refer to material Safety Data Sheet for additional information. For specific advice regarding any aspect of this product, please consult our Technical Department.

### **Storage, Mixing & Application**

The storage, mixing and application conditions can affect the quality of the finish produced.

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