

## PB Floor Paint

### Product Description

Tough polyurethane single pack floor paint

*PB Floor Paint* is a single pack polyurethane-based medium duty coloured floor coating with a very high solid content of 45-49%. It consists of a polyurethane alkyd medium with high opacity pigments in aliphatic solvents. Tough, yet flexible, *PB Floor Paint* resists oil and chemicals as well as foot and light truck traffic. Its smooth, gloss finish combines easy cleaning with good slip resistance. *PB Floor Paint* is cost-effective, easy to apply, fast drying and may be applied in conjunction with sprinkled aggregate to create a non-slip coating.

### Typical Uses

Typical applications include warehouses, factories, showrooms, workshops and garages.

**Suitable substrates:** After appropriate preparation, *PB Floor Paint* may be applied to old, new and granolithic concrete, and is compatible with most previously coated substrates, but should be tested by painting a small area beforehand.

**Colour** *PB Floor Paint* is available in a standard range of 12 stock colours, or to order in a large range of BS4800 colours. Only white is subjected to a minimum order quantity of 400L.

**Packaging:** *PB Floor Paint* is supplied in 5L units (or 7kg with added Slip Resistance).

### Direction For Use

#### Surface Preparation

Thorough substrate preparation is essential.

The surface must be clean, dry and free from dirt, grease and other contamination. The base should have a relative humidity at the surface of no more than 75% when measured according to BS 8203. If it is above 14%, it is possible the paint film will become detached from the substrate due to the effect of hydrostatic pressure as the concrete dries out. Vacuum-assisted shotblasting or grinding are the recommended methods for preparing the substrate. and any surface grease or contamination chemically removed using Polycote *Degrease IT*. These treatments must be thoroughly rinsed off and the surface allowed to dry before painting. Pits and holes may be filled using Polycote *Cretex* products. Please refer to relevant Data Sheets.

#### Mixing

Stir very thoroughly before use to ensure full dispersion of solids throughout the mix. Mechanical mixing from the bottom of the tin in an upwards motion is advised for 2 minutes.

Failure to stir the paint sufficiently prior to use can result in colour and gloss differences between the same batches of paint when applied.

### Application

Apply by brush or roller (short to medium pile roller). If the area has not previously been treated, thin the first coat with 30% White Spirit to improve penetration and adhesion working well into the surface. This should be left for approx. 24 hours, ensuring it is touch dry, before applying the second coat. Apply second coat unthinned.

On previously sealed floors apply two coats. On previously painted surfaces one coat may provide adequate coverage (we recommend testing a small area first to check compatibility).

With lighter colours 2 coats may be required to deal with opacity issues.

#### AVOID APPLYING TOO THICKLY.

Do not cover at a rate less than 30m<sup>2</sup> (wet film thickness 110μ, dry film thickness 50μ) per 5L unit. Applying polyurethane paint too thickly can prevent curing, resulting in a skin forming on the surface while remaining soft underneath.

#### Non-Slip Applications

For slip resistance, sprinkle Calcined Bauxite aggregate onto the WET first coat. The normal sprinkling rate is 5-18m<sup>2</sup> per 1kg aggregate, depending on slip resistance required. This method allows selective areas of non-slip treatment to be applied as required. Spiked shoes should be worn to avoid disturbing the wet coating. Allow to dry then re-coat to encapsulate the aggregate.

#### Application Temperature

Do not apply to a substrate that is below +5°C. At these temperatures drying time will increase significantly.

Drying Time

Under normal conditions of humidity and temperature (20°C) drying time is approximately 4-6 hours, recoatable after drying overnight.

Coverage

Depending on the texture and porosity of the surface, the coverage of *PB Floor Paint* is approximately 30m² per 5L unit.

Cleaning

Application tools may be cleaned using White Spirit or Turpentine Substitute.

Shelf Life & Storage

Shelf life in unopened containers is approximately 12 months subject to conditions of storage. Store in a cool, dry, frost-free environment away from sources of ignition.

Health & Safety

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

Any Questions

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.

Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline: **01234 846400**

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.