

BS 303 Coating

Product Information 01.08.2014

- **UV Stable**
- **Low VOC content**
- **Easy to use and maintain**
- **Fast drying time**
- **Good resistance to water marking**
- **Internal and external use**
- **Suitable for use on PVC coated floorcoverings**

Description

BS 303 is a single component water based Polyurethane clear sealer coat, suitable for a wide range of surface applications. Suitable for single coat application, or as the finishing coat to a system, BS 303 Coating achieves excellent adhesion, coupled with excellent wearing properties whilst retaining good levels of flexibility.

Properties

BS 303 is a single pack specialist coating, based on a formulation of water based PU.

Available in three grades

- Clear Gloss
- Matt
- Matt (Slip resistant).

Substrates

All surfaces must be clean and free of dust, debris, grease, plaster or any other contamination that will impair the bond of the system. Where necessary use mechanical preparation equipment and vacuum clean.

New Concrete Floors: New concrete must be clean, sound, dry and fully cured, with the surface laitance removed. Do not apply to substrates with moisture readings > 75% RH. If substrates are found to have higher moisture levels, a suitable surface applied membrane should be used.

Existing Concrete Floors: Remove all dirt, oil, grease or other surface contaminants by suitable mechanical means. This may be by grinding or blasting. Consideration should be given to the effect that the surface preparation may have, as this may remain visible after the BS 303 has dried.

Porous ceramic and stone surfaces: should be thoroughly cleaned and where appropriate treated with a suitable biocidal treatment prior to coating. It should be noted that a colour change to porous substrates and may require multiple coats to achieve a uniform and sealed surface. Care should be taken to ensure that each coat is dry before the application of the next coat.

Application

N.B The ambient temperatures of the substrate should not fall below 10 °C throughout the application and the curing period, as this could have an adverse effect on the appearance and colour of the system. It is recommended that suitable ventilation is maintained and that atmospheric relative humidity should be under 65%RH at the time of application, as this will assist the drying process.

Mixing: This product is supplied in a ready to use form, however it is recommended that the product be stirred before use to ensure that any settlement is re-dispersed.

Application: Apply BS 303 by brush or lambs wool roller, in even strokes maintaining the stated coverage rate. Take care to ensure that the working (wet) edge is maintained.

Technical Information

Colour	Clear (Can be coloured)
Supplied as	Liquid
Mixing ratio	Non
Coverage	10m ² per litre
Re coating	1-2 Hours after surface has lost tackiness
Set to foot traffic	3-4 hours
Final set	* 12-24 Hours
Full Chemical Cure	24 Hours
Temperature sensitivity	> 10°C
Temperature sensitivity after setting	none
Storage time	Protect from frost. Store in a dry place, not below 15 °C
Packaging	5 & 25 litre plastic tubs,

* The above information applies at normal ambient conditions, e.g. 20 °C and 55% Relative Humidity.

Health & Safety

Read the MSDS sheet before use. Always wear suitable protective clothing, gloves and eye/face protection while using this material. Wash any splashes off immediately with soap and water.

Disposal

Do not pour directly into drains. Retain the product for later use, or if beyond shelf life, dispose of in accordance with local regulations. Dispose of empty packaging in accordance with local regulations, or where appropriate recycle.

The information contained herein is general and not intended to be specific to any substrate, project or product system. The information is based on our experience to-date and the results of continuous and careful testing. Varying conditions and methods of use will influence the practical application of this product. The products optimum performance is also dependent upon the professional judgment of the user and their conformity to proper trade practice, relevant standards and codes of practice for installation, which are factors outside of our control.