

**EXTRA DURABLE FLOOR VARNISH****SPO/W222/CLE****DESCRIPTION:**

SPO Extra Durable Floor Varnish is an exceptionally hardwearing water based 2 pack epoxy clear floor varnish. Dries to an off-gloss finish. Suitable for interior use.

**RECOMMENDED USE:**

SPO Extra Durable Floor Varnish is ideal for use in heavy traffic areas for foot traffic, trucks, vans and sports gyms. Can be used over stable existing paint coverings, wood, concrete and masonry. (Not suitable for metal). Do not apply at temperatures below 10°C. To maximise performance apply 2 coats.

**AVAILABILITY:**

5 kilo mixed units.

**FINISH:**

Off - Gloss

**COLOUR:**

Clear

**TYPICAL S.G. (SPECIFIC GRAVITY):**

1.06 @ 20 °C

**VOLUME SOLIDS:**

46%

**WET FILM THICKNESS W.F.T**

100 microns

**DRY FILM THICKNESS D.F.T**

46 microns

**EXPECTED SPREADING RATE:**

10 sq.m / kilo

@ recommended D.F.T

The practical spreading rate may be lower as this depends on factors such as the porosity and roughness of the surface to be painted and material losses during application.

**TYPICAL VISCOSITY:**

N/A

**FLASH POINT:**

Non-flammable

**DRYING TIME: @ RECOMMENDED D.F.T**

Touch dry: 4 hours @ 20 °C

Hard dry: 8 - 12 hours @ 20 °C

Full hardness: 5 - 7 days @ 20 °C

Low temperature and high humidity will adversely affect application, drying and performance of any coating.

**MINIMUM OVERCOATING TIME:**

Minimum 16 hours

**APPLICATION SPECIAL CONDITIONS:**

N/A

**VOC CONTENT:**

Below 10 g / litre

VOC's (Volatile Organic Compounds) contribute to atmospheric pollution

**APPLICATION DETAILS:**

Application Do not apply below 10 °C. restrictions

Method: Brush or shortpile roller

Thinner Clean water  
(Max vol): (500ml)

Nozzle size: N/A

Nozzle N/A  
pressure:

Cleaning Water  
solvent:

Recoat Minimum 16 Maximum 72  
interval: hours hours

**For further advice contact SPO Technical Services at  
[sales@specialistpaintsonline.co.uk](mailto:sales@specialistpaintsonline.co.uk)**

**The physical constants are subject to normal manufacturing tolerances.**

**SURFACE PREPARATION:**

All surfaces should be clean, dry, sound and free from contaminants.

Concrete - power floated, granolithic and smooth surfaces should be roughened first to provide a good "key" for the paint. This can be done mechanically by abrading or blasting, or chemically using SPO Acid Etch. These processes will have the advantage in addition to preparing the surface of also removing dirt and laitance. New concrete must be allowed to cure thoroughly which can take up to 3 months.

Existing painted surfaces should be cleaned, degreased and sanded to ensure an adequate "key" is produced. Remove all loose and flaking material and treat bare areas as new substrate and prepare accordingly.

**MIXING INSTRUCTIONS:**

You should have two containers: one larger than the other and labelled Hardener. The other smaller one labelled Base. The contents of the pack marked Base are added to the contents of the larger pack marked Hardener and thoroughly mixed together, preferably by slow speed electric mixer with a paint paddle (available on SPO website). After mixing, add up to 500 ml's clean tap water to the 5 kilo unit and mix again. This will make up one 5 kilo unit of SPO Extra Durable Floor Varnish.

**APPLICATION CONDITIONS:**

As dictated by normal good painting practice. Do not apply if the temperature is likely to drop below 10 °C during application or during the drying process. In confined spaces provide adequate ventilation during application and drying.

**PRECEDING COAT:**

Apply direct to ordinary stable concrete, wood, asphalt and tarmac.

**SUBSEQUENT COAT:**

SPO Extra Durable Floor Varnish (additional coat if required).

**REMARKS:**

Note: There will be a darkening effect to the surface after application.

**HEALTH AND SAFETY:**

SAFETY DATA SHEETS (SDS) - For base see SDS 10803, For Hardener see SDS 11460.

**ISSUED:**

19 October 2012

**REVISION:**

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The information given in this data sheet is based on experience and is accurate to the best of our knowledge. No guarantee should be implied, however, as the conditions of use are beyond our control. This data sheet does not constitute a specification. In case of doubt as to the suitability of the product please contact our Technical Service Department at [sales@specialistpaintsonline.co.uk](mailto:sales@specialistpaintsonline.co.uk)

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