

**HIGH PERFORMANCE PRIMER****SPO/W221/1****DESCRIPTION:**

SPO High Performance Primer is a water based two pack epoxy primer to assist adhesion on difficult surfaces.

**RECOMMENDED USE:**

SPO High Performance Primer should be diluted with 10% water for application. To assist the adhesion of High Performance Floor paint or other SPO products to difficult floors, tiles, etc or where mechanical abrasion is not practical and chemical etching has to be used. Ideal in areas where organic solvents are banned. Can be used on walls as well as floors. Low odour.

**AVAILABILITY:**

5 kilo

**FINISH:**

Semi Gloss

**COLOUR:**

Opaque when wet, dries clear

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

1.26 @ 20 °C

**VOLUME SOLIDS:**

46%

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

100 microns

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

45 microns

**EXPECTED SPREADING RATE:**

35 to 50 sq.m / 5 kilo pack  
@ 45 microns 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

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

Initial cure: 2 to 3 hours @ 20 °C

Hard dry: 16 hours @ 20 °C

Full cure: 5 to 7 days @ 20 °C

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

**POTLIFE:**

1.5 to 2 hours @ 20 °C

**Pot Life - Once the parts are mixed together the material has to be used within the time stated.**

**MINIMUM OVERCOATING TIME:**

Minimum 16 hours

**APPLICATION SPECIAL CONDITIONS:****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): (500 ml)

Nozzle size: N/A

**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.**

**HIGH PERFORMANCE PRIMER****SPO/W221/1**

Nozzle pressure:	N/A	
Cleaning solvent:	Water	
Recoat interval:	Minimum 16 hours	Maximum 7 Days

drying.

**PRECEDING COAT:**

Apply Direct

**SUBSEQUENT COAT:**

SPO High Performance Floor paint

**REMARKS:****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. (Other surfaces have to be prepared and primed with the suitable primer for that substrate.) Existing painted surfaces - 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. After mixing, add up to 500 mls clean tap water to the 5 kilo unit and mix again. This will make up one 5 kilo unit of High Performance Primer.

**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

**HEALTH AND SAFETY:**

For hardener see safety data sheet - SDS 11491

For base see safety data sheet - SDS 11492

**ISSUED:**

05 November 2013

**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](mailto:sales@specialistpaintsonline)

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