

**ZINC PHOSPHATE PRIMER**
**SPO/P201/ALL**
**DESCRIPTION:**

SPO Zinc Phosphate Primer is a high performance, modified alkyd metal primer. It has very good anti-corrosive properties.

**RECOMMENDED USE:**

SPO Zinc Phosphate Primer is used as an anti-corrosive primer on iron and steel, for use with a range of conventional topcoats. Can be used for marine purposes, fire escapes, metal gates, metal garage doors. Ideal in coastal areas. Can be used under SPO Machinery Enamel.

**AVAILABILITY:**

1 litre, 2.5 litre, 5 litre

**FINISH:**

Semi-matt

**COLOUR:**

Red, Grey

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

1.32 @ 20 °C

**VOLUME SOLIDS:**

46%

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

75 microns

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

35 to 40 microns

**EXPECTED SPREADING RATE:**

13 sq.m / litre

@ 35 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:**

3.5 Poise @ 25 °C

**FLASH POINT:**

Above 32 °C (closed cup)

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

Touch dry: 2 hours @ 20 °C

Hard dry: 12 hours @ 20 °C

Full hardness: 5 to 7 days @ 20 °C

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

**MINIMUM OVERCOATING TIME:**

12 hours or overnight

**APPLICATION SPECIAL CONDITIONS:**

N/A

**VOC CONTENT:**

Max 430 g / litre

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

**APPLICATION DETAILS:**

Application N/A  
restrictions

Method: Brush or roller Airless spray

Thinner (Max vol): Thinners 14 (10%) Thinners 14 (10%)

Nozzle size: 0.011"

Nozzle pressure: 1800 to 2000 psi

Cleaning solvent: Thinners 14

Recoat interval: 12 hours or overnight

**SURFACE PREPARATION:**

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.

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Ensure all surfaces are clean, dry and free from grease, oil and any other contaminants.

**REVISION:**

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Bare steel should be free from dust, rust and scale. Blast cleaning to SA 2½ is recommended. If blast cleaning is impractical, mechanical cleaning should be employed as hand cleaning does not clean the steel to the required degree. Any oil or grease should be removed with a degreaser before de-rusting. Where blast cleaning is carried out after assembly, special attention must be paid to edges, corners, nuts, bolts, welds etc. Welds should, if necessary be ground and all weld spatter, slag etc. Must be removed.

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)

**MIXING INSTRUCTIONS:**

Mix well before use.

**APPLICATION CONDITIONS:**

As dictated by normal good painting practice. Care must be taken during application that the temperature is above the dew point to avoid any contamination. In confined spaces, provide adequate ventilation during application and drying.

**PRECEDING COAT:**

N/A

**SUBSEQUENT COAT:**

Suitable topcoat.

**REMARKS:****HEALTH AND SAFETY:**

See safety data sheet - Grey - SDS 11451, Red - SDS 11450

**ISSUED:**

06 September 2012

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[sales@specialistpaintsonline.co.uk](mailto:sales@specialistpaintsonline.co.uk)**

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