



SIPRIME ZINC PHOS 210

Epoxy Zinc Phosphate Primer

Product No. 6210

Features

- Anti corrosive primer.
- Provides excellent corrosion protection and adhesion to steel, galvanise and aluminium.
- Easy Application : Spray, Roller or Brush
- Polyamide cured
- Pigmented with zinc phosphate and iron oxide.

Recommended Use

- As a rust inhibiting primer for steel, galvanising and aluminium. Forms the basis of high performance coating systems when top coated with epoxy or polyurethane type coatings for the protection of steel structures in industrial and marine environments.

Physical Data

Finish : Eggshell
Colour : Oxide Red/Grey/White
Volume Solids : 55%
Recommended Film Thickness :
40 -75 microns dry = 73 - 136 microns wet
Theoretical Coverage :
13.75 m²/ltr. at 40 microns

Density (mixed) : 1.35 kg/ltr.

Drying and Recoating Times (25°C/65% RH) :

Dust free : 02 Hours
Minimum recoating time : 4-6 Hours
Dry to handle : 12 Hours
Maximum recoating time : No Limit

Heat Resistant :

Up to 120°C in dry environment

Flash Point : 28°C

Specification Data

Preparation

Steel Surfaces

All surfaces must be free of oil, grease and moisture before blast cleaning to Near White Metal Steel Structures Painting Council SP10 or ISO 8501-1 Sa 2.5.

Surface must be free of grit dust. Primer should be applied to cleaned surfaces as soon as possible to prevent re-rusting or contamination. For areas where sandblasting cannot be accomplished, hand clean, preferably with power disc sander, to bright, non-polished metal.

Aluminium and Galvanised Surfaces

New surfaces must be free of grease, oil, moisture and dirt and treated with a mordant solution of SIP-GALVTREAT 626 according to label directions. A light blast cleaning or abrasive blasting after degreasing is the ideal surface preparation prior to coating. Old surfaces require cleaning with SIPCLEAN 615 Cleaner followed by a high pressure water rinse.

Application Data

Mixing Ratio by Volume	Base : 4 parts Hardener : 1 part															
Mixing Advice	Prior to application, stir the Base, add Hardener and mix thoroughly to obtain a homogeneous mixture. Use a mixer for this which is powered by air or a flameproof electromotor.															
Thinning	Thinner 730. When mixed, the paint is ready for brush or airless spray application. If the paint is too thick, in cold weather for example, then add a small amount of the specified thinner to obtain the suitable viscosity. The amount of thinner that may be added is dependent on the application conditions and methods. Over-thinning will lead to poor results. Add thinner only after mixing of the components.															
Pot Life	8 hours at 25°C.															
Application Condition	Application temperature: 5 - 50°C. The minimum temperature required for satisfactory drying is 10°C. The surface temperature must be at least 3°C above the dew point to prevent condensation. Never apply paint under adverse weather conditions. In confined spaces, constant purging of the air during application and drying is necessary to eliminate solvent vapours for reasons of health and safety as well as to assist evaporation.															
	<table border="0" style="width: 100%;"> <tr> <td></td> <td style="text-align: center;"><u>Airless Spray</u></td> <td style="text-align: center;"><u>Brush/Roller</u></td> </tr> <tr> <td>Recommended Thinner :</td> <td style="text-align: center;">Thinner 730</td> <td style="text-align: center;">Thinner 730</td> </tr> <tr> <td>Thinner Addition :</td> <td style="text-align: center;">0 – 20 vol. %</td> <td style="text-align: center;">0 - 5 vol. %</td> </tr> <tr> <td>Nozzle Orifice :</td> <td style="text-align: center;">0.017" - 0.023 "</td> <td></td> </tr> <tr> <td>Working Pressure :</td> <td style="text-align: center;">140 - 160 bar</td> <td></td> </tr> </table> <p>The recommended method of application is by airless spray, 30:1 pump. Use of brush or roller should be restricted to small areas only. The spray fan should be adjusted depending on the nature and the shape of the substrate to be painted in order to effect that over-spray can be restricted to a minimum.</p>		<u>Airless Spray</u>	<u>Brush/Roller</u>	Recommended Thinner :	Thinner 730	Thinner 730	Thinner Addition :	0 – 20 vol. %	0 - 5 vol. %	Nozzle Orifice :	0.017" - 0.023 "		Working Pressure :	140 - 160 bar	
	<u>Airless Spray</u>	<u>Brush/Roller</u>														
Recommended Thinner :	Thinner 730	Thinner 730														
Thinner Addition :	0 – 20 vol. %	0 - 5 vol. %														
Nozzle Orifice :	0.017" - 0.023 "															
Working Pressure :	140 - 160 bar															
Cleaning of Equipment	Use Thinner 730.															

Storage Information

Pack Size	5 and 20 ltr. two component kit
Storage	Store generally in original sealed container, indoors, at a temperature between 5 and 40°C and relative humidity below 70%.
Shelf Life	1 Year

Safety Information

See the material safety data sheet and product label for complete safety and precaution requirements.

Disclaimer

The information in this data sheet represent test results or experience under well defined conditions. Its accuracy or suitability under the actual conditions of any intended use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate and application, manufacturer and seller can not accept any liability in connection with the use of the product relative to coverage, performance, injury or damage, unless we specifically agree in writing to do so. The information in this data sheet is subject to change without notice and it is the user's responsibility to ensure it is current. For further information and advice contact SIPCO Technical Services Department on Tel. (03) 847 2299, Fax (03) 847 3780.