



Product Data Sheet

REVONKYD-ZP RV: 512

Zinc Phosphate Alkyd Primer

PRODUCT DESCRIPTION	Anti corrosive zinc phosphate alkyd primer.				
RECOMMENDED USE	Economic general purposes maintenance and new building primer suitable for use on superstructures and on steel surfaces not normally exposed to water immersion.				
CHARACTERISTICS	<ul style="list-style-type: none"> • Fast dry alkyd primer. • An economic primer for structural steel. • Pigmented with zinc phosphate, free of lead and chrome pigments. 				
PHYSICAL DATA	<p>Colour White and Red</p> <p>Gloss level Flat</p> <p>Volume Solid Approx. 55%</p> <p>Dry Film Thickness 50 microns per coat</p> <p>Number of Coat 1</p> <p>Theoretical Coverage 11.00 sq.m/ℓ for 50 microns</p> <p>Temperature Resistance Continuous : 90°C Intermittent : 115°C</p> <p>VOC 233 g/ℓ</p> <p>Flash Point 38°C</p> <p>Shelf Life At least 12 months</p>				
SURFACE PREPARATION	Dry abrasive blast to a minimum ISO – Sa 2 or SSPC – SP 6 “Commercial”. Blast to achieve a 25 microns anchor profile as indicated with a Keane Tutor Surface Profile Comparator. Remove abrasive residue or dust from surface.				
APPLICATION DATA	<p>Application Methods</p> <p>Airless Spray</p> <table> <tr> <td>Nozzle Tip</td> <td>Approx. 0.28 mm (0.011 inch)</td> </tr> <tr> <td>Nozzle Pressure</td> <td>10 MPa (approx. 1400 psi)</td> </tr> </table>	Nozzle Tip	Approx. 0.28 mm (0.011 inch)	Nozzle Pressure	10 MPa (approx. 1400 psi)
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Conventional Spray

Nozzle Tip	1.8 – 2.0 mm (0.071 – 0.079 inch)
Nozzle Pressure	0.3 MPa (approx. 43 psi)
Brush or Roller	Recommended
Mixing Ratio	One component
Thinner	REVONER 115
Surface Temperature	Should be 10 ⁰ C – 49 ⁰ C, at least 3 ⁰ C above the dew point to prevent condensation
Drying Time	
Touch Dry	2 hours at 25 ⁰ C, 1 hour at 32 ⁰ C
Through Dry	8 hours at 25 ⁰ C, 4 hour at 32 ⁰ C
To Topcoat	
Minimum	12 hours at 25 ⁰ C, 7 hours at 32 ⁰ C
Maximum	Unlimited (roughened and dry)

SAFETY PRECAUTION

Keep away from heat, spark and Open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use.

Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against topic hazard.

Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

DISCLAIMER

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.