

PLASCOPRIME 50 ZINC PHOSPHATE ALKYD PRIMER

PRODUCT CODE: PP 50 Series

TECHNICAL DATA SHEET

Product Description	A single component zinc phosphate universal alkyd primer																									
Intended Uses	Intended for use as a maintenance primer on hand prepared steel. Quick drying properties make it suitable for use on new construction in the fabrication yard.																									
Features & Benefits	<ul style="list-style-type: none">• Very fast drying• Good corrosion resistance																									
Product Information	Colours	Buff (PP 50), Grey (PP 54)																								
	Appearance	Matt																								
	Volume solids	41%																								
	Recommended DFT	50 -75 µm																								
	Recommended WFT	122 -183 µm																								
	Theoretical Spreading rate	5.5m²/L @ 75 µm DFT at stated volume solids.																								
	VOC	488 g/L																								
	Flash Point	2 °C																								
Application Details	Mixing ratio	Single component.																								
		Stir with a power mixer until homogeneous.																								
	Method	<u>Airless spray:</u> Recommended Tip Size: 0.017” – 0.019” Nozzle pressure: 172 bar (2500 p.s.i.) <u>Conventional Spray (Pressure Pot):</u> Gun: DeVilbiss MBC or J Air Cap 704 OR 765 Fluid Tip: E <u>Brush:</u> Min. 40 µm, Max. 50 µm DFT can be achieved. <u>Roller:</u> Min. 40 µm, Max. 50 µm DFT can be achieved																								
	Thinning	Not normally required. Can be thinned with PLASCON UNIVERSAL REDUCER (PUR 1)																								
	Cleaner	PLASCON UNIVERSAL REDUCER (PUR 1)																								
	Application Environment	<table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><tr><td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10%</td></tr><tr><td>Max: 40°C</td><td>Max: 40°C</td><td>Max.: 85 %</td></tr><tr><td colspan="3">Or 3 °C above dew point</td></tr></table>			Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	Max: 40°C	Max: 40°C	Max.: 85 %	Or 3 °C above dew point												
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	Drying Time	<table><tr><th rowspan="2">Temp</th><th rowspan="2">Touch Dry</th><th rowspan="2">Hard Dry</th><th colspan="2">Overcoating Interval</th></tr><tr><th>Min</th><th>Max</th></tr><tr><td>10°C</td><td>2 Hrs 30 Min</td><td>5 Hrs</td><td>5 Hrs</td><td>Indefinite</td></tr><tr><td>23°C</td><td>30 Min</td><td>1 Hr</td><td>1 Hr</td><td>Indefinite</td></tr><tr><td>40°C</td><td>10 Min</td><td>30 Min</td><td>30 Min</td><td>Indefinite</td></tr></table>			Temp	Touch Dry	Hard Dry	Overcoating Interval		Min	Max	10°C	2 Hrs 30 Min	5 Hrs	5 Hrs	Indefinite	23°C	30 Min	1 Hr	1 Hr	Indefinite	40°C	10 Min	30 Min	30 Min	Indefinite
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Storage and Packaging	Store away from direct sun, heat, open flames, sparks or severe cold. Shelf life : 12 months Packaging: Single component: 5 ℓ and 20 ℓ																									

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Surface Preparation	<p>The surfaces to be over coated must be clean, dry and free from contamination. All surfaces before painting should be assessed and treated in accordance to ISO 8504 -1:2000 and 8504 -2:2000.</p> <ul style="list-style-type: none"> Dust and debris not to exceed 0, 3% when tested in accordance with SANS test method 769. Oil and grease should be removed using PLASCON AQUASOLV DEGREASER (GR 1) followed by clean water rinses. Soluble chloride content may not exceed 75mg per m². Preferred surface preparation is abrasive blast cleaned to SA 2½ of the International standard ISO 8501-1:2007. If abrasive blasting is impossible, mechanically or hand prepare to ST 3 of the International Standard ISO 8501-1:2007. The primer must be applied before oxidation of the steel occurs. If oxidation does occur the entire oxidised area should be re-blasted to the standard specified above.
Caution	<ul style="list-style-type: none"> Will not cure adequately below 5 °C. For maximum performance curing temperature should be above 10°C Compatible Final Coats: Alkyd Enamels, Pure Acrylics
Safety Precautions	<ul style="list-style-type: none"> Always keep paint out of reach of children. Ensure good ventilation during application and drying. If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner. Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. Harmful if swallowed. Seek medical attention and do not induce vomiting. Do not smoke while painting. Flammable. Store in a cool dry place away from heat and sparks. Refer to Safety Data Sheet for complete information.
Shipping Weights	<p>UN shipping no: 1263 Single pack: 20 L = 25,4 kg 5 L = 6,35 kg</p>

DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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