

PLASCOPRIME 182 ZINC PHOSPHATE ALKYD PRIMER

PRODUCT CODE: UC 182

TECHNICAL DATA SHEET

Product Description	A single component modified alkyd, zinc phosphate primer.																										
Intended Uses	PLASCOPRIME ZINC PHOSPHATE PRIMER (UC 182) is designed for the protection of hand prepared and abrasive blast cleaned steel. Exhibits excellent anticorrosive properties when used in an inland environment. Can be over-coated after the specified period by alkyd based intermediates and finishing coats.																										
Features & Benefits	<ul style="list-style-type: none">• Cures to a matt finish.• Suitable for application where a primer with quick drying properties is required.• Good Corrosion resistance.																										
Product Information	Colours	Grey																									
	Appearance	Matt																									
	Volume Solids	48 %																									
	Recommended DFT	Min:35 µm Max: 100 µm																									
	Recommended WFT	Min:72,9 µm Max: 205µm																									
	Theoretical spreading rate	9,2 m²/L @ 45µm DFT at stated volume solids																									
	VOC	522 g/ L																									
	Flash Point	9 °C																									
Application Details	Mixing Method	Stir well with a power agitator until completely homogeneous. <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 30 µm, Max 45 µm DFT can be achieved <u>Roller:</u> Min 30 µm, Max 45 µm DFT can be achieved																									
	Thinning	Not normally required for brush or roller application. If required for spraying thin with a minimum amount of PLASCON UNIVERSAL REDUCER (PUR 1) .																									
	Cleaning	PLASCON UNIVERSAL REDUCER (PUR 1) or POLYCELL BRUSH CLEANER																									
	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: 30 °C</td><td>Max: 40 °C</td><td>Max: 85 %</td></tr></table>				Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10 %	Max: 30 °C	Max: 40 °C	Max: 85 %													
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Storage and Packaging	Store away from direct sun, heat and severe cold. Shelf Life: 12 Months Packaging: 5 L and 20 L																										

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Surface Preparation	<p>The surface to be coated should 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> <p>STEEL:</p> <ul style="list-style-type: none"> The surfaces to be over coated must be clean, dry and free from contamination. Oil and grease should be removed using PLASCON AQUASOLV DEGREASER (GR 1) followed by clean water rinses. Soluble chloride content may not exceed 75 mg per m². Dust and debris not to exceed 0, 3% when tested in accordance with SANS test method 769. Areas of breakdown, damage or weld seams should be prepared to the specified standard and patch primed prior to application of PLASCOPRIME 182 Preferred surface preparation is abrasive blast clean to SA 2½ of the International standard ISO 8501-1:2007 to achieve an angular blast profile 50 - 75 microns (µm) or if abrasive blasting is impossible, mechanically abrade to Grade ST 3 ISO 8501-1:2007 – this is not as effective as abrasive blasting and will reduce the life expectancy of the coating system. 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"> Ensure product is mixed well and completely homogenous prior to use. Substrate preparation is a deciding factor in product performance.
Safety Precautions	<ul style="list-style-type: none"> Always keep paint out of reach of children. Ensure good ventilation during application and drying. In the case of skin contact, wash with a recognised skin cleaner and water. Avoid the use of solvents or thinners. If eyes are affected quickly rinse thoroughly with water for at least 10 minutes. Seek medical attention. If swallowed. Do not induce vomiting. Keep at rest. Seek immediate medical attention. 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 weight no: 1263</p> <p>Single pack: 20 L =25,2kg</p> <p>5 L = 6,3kg</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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