

PLASCOCHEM HB VINYL PRIMER

PRODUCT CODE: PVL 1

TECHNICAL DATA SHEET

Product Description	A high build vinyl copolymer primer.																										
Intended Uses	The product is designed as a primer for the PLASCOCHEM VINYL SYSTEM . It can be used in chemical plants, coastal and marine environment																										
Features & Benefits	<ul style="list-style-type: none">Exhibits good flexibility, durability and abrasion resistance.It has excellent adhesion to wire brushed and abrasive blast cleaned steel, galvanised surfaces and zinc primers.It is a flexible coating and the surface dries fast. After several days, it dries hard enough to be used as a shop primer.A single pack thixotropic coating which does not require thinning																										
Product Information	Colour	Red Oxide																									
	Appearance	Matt																									
	Volume solids	33-37%																									
	Recommended DFT	Min: 60 µm; Max: 80 µm D.F.T.																									
	Recommended WFT	Min: 171 µm; Max: 228 µm W.F.T.																									
	Theoretical Spreading Rate	5 m²/ℓ at stated volume solids and 70 µm DFT																									
	VOC	575 g/ℓ																									
	Flash point	21 °C																									
Application Details	Mixing	Single pack. Ready for use. NOTE: This material has thixotropic properties and should not be stirred as stirring will disrupt the thixotropic properties. If stirred it will restructure after several hours.																									
	Method:	Suitable for brush, roller or airless spray. Use the Product unthinned. <u>Airless spray(Preferred):</u> Tip Size: 0.015” – 0.018”, Nozzle pressure: 140 -210 bar (2000 -3000 p.s.i) <u>Conventional Spray:</u> NOT RECOMMENDED <u>Brush or roller application</u> will necessitate additional coats to achieve the recommended D.F.T.																									
	Thinner	Not Recommended																									
	Cleaner	UNIVERSAL REDUCER (PUR 1) can be used for flushing equipment and clean up.																									
	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 minimum 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 minimum 3 °C. above dew point												
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Storage & Packaging	Store away from direct sun, heat, open flames, sparks or severe cold. Shelf life: 12 months. Packaging: 5 L and 20 L.																										

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Surface Preparation	<p>All surfaces to be painted should be thoroughly degreased using PLASCON AQUASOLV DEGREASER (GR 1) followed by clean water rinses.</p> <p>STEEL:</p> <ul style="list-style-type: none"> Abrasive Blast clean to grade SA 2½ of the International Standard ISO 8501-1:2007 with an angular blast profile of 40-60 µm. 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. Hand or Mechanically wire brushed steel to grade ST 3 of the International Standard ISO 8501-1:2007 is acceptable but reduces time to first maintenance. <p>GALVANISED STEEL:</p> <ul style="list-style-type: none"> The preferred method is to "Micro Blast" using Garnet Mica as a medium to achieve a blast profile of 20 – 30 µm alternatively clean with PLASCON GALVANISED IRON CLEANER (GIC I) followed by clean water rinses. The cleaning procedure must be repeated until a water break free surface has been obtained. <p>PREVIOUSLY PAINTED SURFACES:</p> <ul style="list-style-type: none"> Sugar Soap clean and rinse then lightly abrade surface to provide a key. Dust off.
Caution	<ul style="list-style-type: none"> The specified film build (80 µm) will only be achieved by airless spray application
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 Weight	<p>UN Shipping number: 1263</p> <p>5 ℓ, 6.826 kg; 20 ℓ, 26.91 kg</p>

DISCLAIMER:

The recommendations contained herein are given in all 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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