



PLASCON METAL PRIMER

TECHNICAL DATA SHEET NO.: A-41-D
DATE: OCTOBER 2004

PRODUCT CODE: UC 501 THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A medium quality alkyd-based zinc phosphate primer.		
Intended Uses	<ul style="list-style-type: none"> Designed for general use on mild steel under alkyd-based undercoats and topcoats including micaceous iron ore types, providing good corrosion protection. 		
Product Information	Colour	Green	
	Solids	Approx. 63 % by mass;	45 % by volume
	Recommended DFT	Min.: 25 µm	Max.: 40 µm
	Theoretical spreading rate	15.0 m ² / l at 30µm DFT	
	Typical spreading rate	Please apply appropriate correction factors	
	Viscosity at 23 °C	70 KU (typical)	
	S G at 23°C	1,26 kg / l (typical)	
	Flash Point	>38 °C	
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.	
	Substrate	Thoroughly cleaned and prepared mild steel surfaces.	
	Method	Brush, roller or spray.	
	Thinning	Not normally necessary for brush or roller application. Thin approx. 10 % with MINERAL TURPENTINE (AZH 1) for spray application.	
	Cleaning	MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER PAINT AND GREASE REMOVER.	
	Application Environment	Surface Temperature	Ambient Temperature
		Min.: 5 °C	Min.: 10 °C
		or 2 °C min. above dew point	
		Max.: 40 °C	Max.: 40 °C
			Relative Humidity
			-
			Max.: 85 %
	Drying time	Touch dry	2 h at 23 °C
		Recoating	16 h at 23 °C
		Dry to handle	16 h at 23 °C
Storage and Packaging	Store away from direct sun, heat and severe cold.		
	Packaging:	1 l, 5 l and 25 l.	

MERIT METAL PRIMER

Surface Preparation	<ul style="list-style-type: none"> All mild steel surfaces must be clean and dry. Remove oil, grease and dirt and any other contaminants with AQUASOLV DEGREASER (GR 1). Rinse thoroughly with clean water. Remove any rust and millscale preferably by abrasive blasting to ISO 8501-1:1988 with low blast profile 35 - 50 µm.. Alternatively prepare steel by wire brushing to Grade ST 3 of above standard. This is not as effective and results in a shorter maintenance-free life.
Application	<ul style="list-style-type: none"> Apply by brush, roller or spray. Ensure that a minimum dry film thickness of 25 µm is achieved. Peaks on abrasive blasted surfaces must also be covered by a minimum of 25 µm - apply more than one coat if necessary.
Caution	<ul style="list-style-type: none"> Not recommended for galvanised steel. Avoid excessively thick coats which will retard through drying. Must be overcoated within 30 days to avoid onset of corrosion.
Safety Precautions	<ul style="list-style-type: none"> Flammable - Keep away from source of ignition, flames, sparks and heat. Use only in well ventilated environments. Do not smoke during use. Keep out of reach of children. Refer to Material Safety Data Sheet for complete information.
Transportation	<ul style="list-style-type: none"> This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996)

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.

N.B.: 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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