

TECHNICAL DATA SHEET FOR

CRYSTALUX ALKYD RESIN UNDERCOAT

DESCRIPTION	:	A high opacity and high solid undercoat that will effectively hide the substrate and impart a good film build to the overall coating system. Widely used as an undercoat over timber, metal. PSB Approved Product			
TYPE	:	Oil- modified Alkyd			
COLOUR	:	Standard range as per colour card			
FINISH	:	Matt			
USES	:	Specially designed undercoat for appropriately primed metals and wood such as:			
		Wood	Ferrous	*Non-ferrous metal	Plastics
		Door	Grille	Aluminum	PVC
		Railing	Frames	Galvanized Metal	uPVC
		Frames	Pipes	Tin Plates	
		Furniture	Beams	Gutters	
		Boxes	Poles	Copper Pipes	
		Panels		Stainless Steel	
FEATURES	:	<ul style="list-style-type: none"> • Quick-dry • High opacity for easy coverage • Promote good inter-coat adhesion • Economical & easy to use 			
APPLICATION DATA					
METHOD	:	Roller, brush & air spray			
THEORETICAL COVERAGE	:	Approx. 16 m ² /litre (based on 35 microns DFT per coat)			
DILUTION	:	Use Bodelac GP Reducer			
		Brush	- 5 ~ 10%		
		Roller	- 5 ~ 10%		
		Air Spray	- 10 ~ 20% Or 15 ~ 25 sec NK2 Cup		
SURFACE PREPARATION	:	Metal Surface must be: <ul style="list-style-type: none"> • Clean and dry • Free from oil / grease • Free from rust / foreign matter Ferrous - Prime with Crystalux AC Primer Non-Ferrous - Prime with Vinilex 120 Active Primer All exposed metal must be primed immediately to prevent corrosion			

CRYSTALUX ALKYD RESIN UNDERCOAT**Wood**

- Prime with Crystalux Aluminium Wood Primer
- Sanding to a smooth clean surface & remove dust, dirt and other foreign matter

Allowing ample time for wood to dry

SPRAY APPLICATION	:	<u>Air</u> Delivery Pressure (kg/cm ²) 3 – 4 Tip Size 60° angle 1 - 3 mm Dilution 10 ~ 20%
DRYING TIME	:	Touch Dry – 40 minutes at 30 °C
OVERCOATING TIME	:	18 hours minimum based on normal conditions
RECOMMENDED PAINTING SYSTEM	:	1 coat of primer based on substrate stated in surface preparation 1 coat of Crystalux Alkyd Resin Undercoat 2 coats of preferred topcoats
FILM THICKNESS	:	A Dry Film Thickness of 35 ~ 40 microns per coat is recommended
CLEANING	:	All equipment should be cleaned with Bodelac 9000 GP Reducer immediately after use
GENERAL INFORMATION		
CONFORMITY	:	Crystalux Alkyd Resin Undercoat is certified under TÜV SÜD PSB Product Listing Scheme to SS 34/A1 : 2001
SOLID CONTENT	:	76.0 ± 2% by weight (base on white colour)
SPECIFIC GRAVITY	:	1.56 ± 2% kg/litre (base on white colour)
FLASHPOINT	:	43°C
PACKING	:	5 litres and 1 litre
STORAGE	:	Store in a tightly sealed container in a cool dry place
SHELF LIFE	:	Up to 12 months in a tightly sealed container
PRECAUTION	:	It is flammable in the wet state and must not be used near naked flame, welding operations, etc. Ensure good ventilation during application and drying of paint. Avoid direct contact with sensitive skin and inhalation of spray mist. Use appropriate personal protective equipment. Refer to the product Safety Data Sheet for more information

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

Enquiries / Contact Details : **Customer Service**
6265 5355 (Main Line)
6264 1603 (Fax)
www.nipponpaint.com.sg