

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.

**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:

<b>Wood</b>	<b>Ferrous</b>	<b>Non-ferrous metal</b>	<b>Plastics</b>
Door	Grille	Aluminum	PVC
Railing	Frames	Galvanized Metal	uPVC
Frames	Pipes	Tin Plates	
Furniture	Beams	Gutters	
Boxes	Poles	Copper Pipes	
Panels		Stainless Steel	

**FEATURES** :

- 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<sup>2</sup>/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:

- Clean and dry
- Free from oil / grease
- Free from rust / foreign matter

Ferrous - Prime with Crystalux AC Primer  
Non-Ferrous - Prime with Hi-Vinyl 1102 CF Etching Primer followed by 1 coat of Crystalux A/C Primer

All exposed metal must be primed immediately to prevent corrosion

**CRYSTALUX ALKYD RESIN UNDERCOAT****Wood**

Prepare by sanding to establish a smooth clean surface which is then applied with a suitable primer such as the CRYSTALUX ALUMINIUM WOOD PRIMER. The primer must be allowed to dry sufficiently before sanding is done to level out any irregularities of the applied substrate. Before painting, the surface must be clean, free from dust and any foreign matter

<b>SPRAY APPLICATION</b>	:	<u>Air</u> Delivery Pressure (kg/cm <sup>2</sup> ) 3 – 4 Tip Size 60° angle 1 - 3 mm Dilution 10 ~ 20%
<b>DRYING TIME</b>	:	Touch Dry – 40 minutes at 30 °C
<b>OVERCOATING TIME</b>	:	18 hours minimum based on normal conditions
<b>RECOMMENDED PAINTING SYSTEM</b>	:	1 coat of primer based on substrate stated in surface preparation 1 coat of Crystalux Alkyd Resin Undercoat 2 coats of Crystalux Alkyd Resin Enamel
<b>CLEANING</b>	:	All equipment should be cleaned with Bodelac 9000 GP Reducer immediately after use
<b>GENERAL INFORMATION</b>		
<b>CONFORMITY</b>	:	Crystalux Alkyd Resin Undercoat is certified under TÜV SÜD PSB Product Listing Scheme to SS 34: 2021
<b>SOLID CONTENT</b>	:	76.0 ± 2% by weight (base on white colour)
<b>DENSITY</b>	:	1.47 ± 2% kg/litre (base on white colour)
<b>FLASHPOINT</b>	:	43 °C
<b>PACKING</b>	:	1 litre and 5 litres
<b>STORAGE</b>	:	Store in a tightly sealed container in a cool dry place
<b>SHELF LIFE</b>	:	Up to 12 months in a tightly sealed container
<b>PRECAUTION</b>	:	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.

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