

## TECHNICAL DATA SHEET FOR

**CRYSTALUX ALKYD RESIN ENAMEL**

<b>DESCRIPTION</b>	:	Crystalux Alkyd Resin Enamel paint is oil-modified alkyd paint with good durability and good anti-fungus properties
<b>TYPE</b>	:	Oil-modified Alkyd paint
<b>COLOUR</b>	:	A wide range of decorative colours as per colour card
<b>FINISH</b>	:	Full Gloss
<b>USES</b>	:	It is used as gloss finishing over primed wood and metal for both interior and exterior. eg. <ul style="list-style-type: none"><li>• Doors</li><li>• Railings</li><li>• Grilles</li><li>• Machinery</li><li>• Pipes</li><li>• Metal Beams</li><li>• Frames</li><li>• Fabricated Metal</li><li>• Etched Ferrous Metal</li></ul>
<b>FEATURES</b>	:	<ul style="list-style-type: none"><li>• Weather-resistant</li><li>• Anti-fungus property</li><li>• Tough and durable</li><li>• Good adhesion on general surfaces</li><li>• Excellent flow, smooth finish</li></ul>

**APPLICATION DATA**

<b>METHOD</b>	:	Roller, brush and air spray
<b>THEORETICAL COVERAGE</b>	:	Approx 17 m <sup>2</sup> / litre (30 microns DFT per coat)
<b>DILUTION</b>	:	Solvent – Bodelac GP Reducer Roller & Brush – Maximum 10% For spray, refer to spray application
<b>SURFACE PREPARATION</b>	:	<b>Metal</b> The surface must be: <ul style="list-style-type: none"><li>• Clean/Dry</li><li>• Free from grease/oil</li><li>• Free from rust/foreign matter</li><li>• Free from unstable old film</li></ul> Exposed non-metal must be primed with: Non-ferrous: Vinilex 120 Active Primer Ferrous: Crystalux A/C Primer  <b>Wood</b> Prepare by sanding to establish a smooth clean surface which is then applied with a suitable primer such as the Crystalux Aluminium Wood Primer

**CRYSTALUX ALKYD RESIN ENAMEL*****Aluminum 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 3-4 kg/m <sup>2</sup>
	:	Tip Size 1.3mm at 60° angle
	:	Dilution 10% - 20% or Nk2 Cup 20 – 23 seconds
<b>DRYING TIME</b>	:	Touch Dry - 2 hrs at 30° C
<b>OVERCOATING TIME</b>	:	18 hours in normal conditions
<b>RECOMMENDED PAINTING SYSTEM</b>	:	1 coat of primer based on substrate stated in surface preparation 2 coats of Crystalux Alkyd Resin Enamel
<b>CLEANING</b>	:	All equipment should be cleaned with Bodelac 9000 GP Reducer immediately after use.

**GENERAL INFORMATION**

<b>CONFORMITY</b>	:	Crystalux Alkyd Resin Enamel paint is certified under TÜV SÜD PSB Product Listing Scheme to SS 7:1998
<b>SOLID CONTENT</b>	:	65.0 ± 2% by weight (based on white colour)
<b>SPECIFIC GRAVITY</b>	:	1.09 ± 2% kg/litre (based on white colour)
<b>FLASHPOINT</b>	:	35° C
<b>PACKING</b>	:	5 litres
<b>STORAGE</b>	:	Store in a tightly sealed container in a cool dry place
<b>SHELF LIFE</b>	:	Up to 24 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.

<b>Enquiries / Contact Details</b>	:	<b>Customer Service</b> <b>6265 5355 (Main Line)</b> <b>6264 1603 (Fax)</b> <b><a href="http://www.nipponpaint.com.sg">www.nipponpaint.com.sg</a></b>
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