

TECHNICAL DATA SHEET FOR

CRYSTALUX ALKYD RESIN ENAMEL

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

APPLICATION DATA

METHOD	:	Roller, brush and air spray
THEORETICAL COVERAGE	:	Approx 17 m ² / litre (30 microns DFT per coat)
DILUTION	:	Solvent – Bodelac GP Reducer Roller & Brush – Maximum 10% For spray, refer to spray application
SURFACE PREPARATION	:	Ensure the surface is properly prepared before application. Follow these steps: Metal The surface must be: <ul style="list-style-type: none"> Clean/Dry Free from grease/oil Free from rust/foreign matter Free from unstable old film Metal must be primed with: <ul style="list-style-type: none"> Non-ferrous: Hi-Vinyl 1102 CF Etching Primer followed by 1 coat of Crystalux A/C Primer Ferrous: Crystalux A/C Primer

CRYSTALUX ALKYD RESIN ENAMEL**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

SPRAY APPLICATION	:	<u>Air</u>
	:	Delivery Pressure 3-4 kg/m ²
	:	Tip Size 1.3mm at 60° angle
	:	Dilution 10% - 20% or Nk2 Cup 20 – 23 seconds
DRYING TIME	:	Touch Dry - 2 hrs at 30° C
OVERCOATING TIME	:	18 hours in 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 Crystalux Alkyd Resin Enamel
CLEANING	:	All equipment should be cleaned with Bodelac 9000 GP Reducer immediately after use.
GENERAL INFORMATION		
CONFORMITY	:	Crystalux Alkyd Resin Enamel paint is certified under TÜV SÜD PSB Product Listing Scheme to SS 7:2021
SOLID CONTENT	:	65.0 ± 2% by weight (based on white colour)
DENSITY	:	1.14 ± 2% kg/litre (based on white colour)
FLASHPOINT	:	43° C
PACKING	:	5 litres and 20 litres
STORAGE	:	Store in a tightly sealed container in a cool dry place
SHELF LIFE	:	Up to 24 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 6265 5355 (Main Line)
6264 1603 (Fax)
www.nipponpaint.com.sg