

## TECHNICAL DATA SHEET FOR

**METALLUX**

- DESCRIPTION** : Metallux is a single component air drying coating based on alkyd chemistry which can be applied onto metal and wood to provide a smooth metallic effect finish. It is formulated to have excellent corrosion resistance and also act as both primer and topcoat for ferrous metal surfaces.
- TYPE** : Solvent-based alkyd
- COLOUR** : As per colour card
- FINISH** : Gloss Metallic Effect
- USES** : For the decoration and protection of correctly prepared ferrous metal, correctly primed non-ferrous metals and wood. It can be used both internally and externally. It is recommended to paint on a smaller areas to achieve best results
- FEATURES** :
- Tough & durable
  - Easy to apply
  - Fast dry
  - Excellent corrosion resistance
  - Excellent adhesion on ferrous metal surface
  - With proper surface preparation, it can applied directly to rust

**APPLICATION DATA**

- METHOD** : Roller
- THEORETICAL COVERAGE** : 12 - 15 m<sup>2</sup> / litre (based on 30-35um DFT, actual thickness depending on substrate condition)
- DILUTION** : No dilution is necessary for best performance
- SURFACE PREPARATION** :
- New or Rusted Metal Surfaces**  
Remove rust and any unstable matter by power brushing or sand paper. The surface must be clean and dry, free from grease, oil, loose rust and other foreign matter.  
To enhance anti-corrosion performance, apply Crystalux A/C Primer prior to application of Metallux
- Painted Ferrous Metal Surfaces**  
Sand the painted surface to remove any unstable matter. The surface must be clean and dry, free from grease, oil, loose rust and other foreign matter. Test for compatibility with existing paint by painting a small area first. Remove all paint to bare metal by all suitable means if there are signs of incompatibility prior to application of Metallux.

**Non –Ferrous Metal Surfaces**

Clean and remove any oil or grease, soluble salts and other forms of dirt. The bare metal must be primed with a coat of Hi-Vinyl 1102 CF Etching Primer before application of Metallux.

**Wood**

Ensure wood is dry, clean, free from oil and grease. Ensure moisture of wood is not more than 10%. Apply 1 coat of Crystalux Aluminium Wood Primer before application of Metallux.

**Plastic (PVC)**

Ensure surface is dry, clean, and free from oil and grease. Light sanding can be done to enhance adhesion.

<b>DRYING TIME</b>	:	Touch dry - 15 minutes at 30 °C Hard dry - 3 hours at 30 °C
<b>OVERCOATING TIME</b>	:	Minimum 4 hours at 30 °C (drying time will be prolonged during cold, wet or humid conditions)
<b>RECOMMENDED PAINTING SYSTEM</b>	:	1 coat of primer based on substrate stated in surface preparation Minimum 2 coats of Metallux
<b>CLEANING</b>	:	All equipment should be cleaned with Bodelac 9000 GP Reducer immediately after use

**GENERAL INFORMATION**

<b>SOLID CONTENT</b>	:	43 ± 2.0 % by weight (depending on colour)
<b>DENSITY</b>	:	0.94 ± 2.0 % kg / litre (depending on colour)
<b>PACKING</b>	:	1 litre
<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>	:	Ensure good ventilation during application and drying of paint. Avoid direct contact with sensitive skin. 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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