**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:

<table>
<thead>
<tr>
<th>Wood</th>
<th>Ferrous</th>
<th>*Non-ferrous metal</th>
<th>Plastics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door</td>
<td>Grille</td>
<td>Aluminum</td>
<td>PVC</td>
</tr>
<tr>
<td>Railing</td>
<td>Frames</td>
<td>Galvanized Metal</td>
<td>uPVC</td>
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<tr>
<td>Frames</td>
<td>Pipes</td>
<td>Tin Plates</td>
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<tr>
<td>Furniture</td>
<td>Beams</td>
<td>Gutters</td>
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<tr>
<td>Boxes</td>
<td>Poles</td>
<td>Copper Pipes</td>
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</tr>
<tr>
<td>Panels</td>
<td></td>
<td>Stainless Steel</td>
<td></td>
</tr>
</tbody>
</table>

**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 m²/litre (based on 35 microns DFT per coat)

**DILUTION**

- Brush: - 5 ~ 10%
- Roller: - 5 ~ 10%
- Air Spray: - 10 ~ 20% 0r 15 ~ 25 sec NK2 Cup

**SURFACE PREPARATION**

- Metal  
  Surface must be:  
  - Clean and dry  
  - Free from oil / grease  
  - Free from rust / foreign matter  
  - Prime with Nippon Crystalux AC Primer  
  - Prime with Nippon Vinilex 120 Active Primer  
  All exposed metal must be primed immediately to prevent corrosion
TECHNICAL DATA SHEET FOR

NIPPON CRYSTALUX ALKYD RESIN UNDERCOAT

Wood
- Prime with Nippon 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

| Delivery Pressure (kg/cm²) | 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 Nippon 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 Nippon Bodelac 9000 GP Reducer immediately after use

GENERAL INFORMATION

CONFORMITY

- Nippon 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

- 30 °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
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