

TECHNICAL DATA SHEET FOR

**BODELAC 9000 UNDERCOAT**

- DESCRIPTION** : Bodelac 9000 Undercoat is 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 and metal
- TYPE** : Oil-modified Alkyd
- COLOUR** : Standard range as per colour card
- FINISH** : Matt
- USES** : Specially designed undercoat for appropriately primed metals and wood surfaces such as:
- | <b>Wood</b> | <b>Ferrous</b> | <b>*Non-ferrous metal</b> |
|-------------|----------------|---------------------------|
| Door        | Grille         | Aluminium                 |
| Railing     | Frames         | Galvanised Metal          |
| Frames      | Pipes          | Tin Plates                |
| Furniture   | Beams          | Gutters                   |
| Boxes       | Poles, etc     | Copper Pipes              |
| Panels, etc |                | Stainless Steel , etc     |
- FEATURES** :
- Quick-dry
  - High opacity for easy coverage
  - Promote good intercoat adhesion
  - Economical & easy to use

**APPLICATION DATA**

- METHOD** : Roller, brush & air spray
- THEORETICAL COVERAGE** : Approx. 18 m<sup>2</sup>/litre (based on 35 microns DFT per coat)
- DILUTION** : Use BODELAC 9000 GP REDUCER
- |           |                                    |
|-----------|------------------------------------|
| Brush     | - 5 ~ 10%                          |
| Roller    | - 5 ~ 10%                          |
| Air Spray | - 10 ~ 20% or 15 ~ 25 sec NK-2 Cup |
- SURFACE PREPARATION** : **Metal**
- Surface must be:
- Clean and dry
  - Free from oil / grease
  - Free from rust / foreign matter
  - Stable
- New Metal - prime with Crystalux AC Primer  
Non ferrous - prime with Hi-Vinyl 1102 CF Etching Primer

**BODELAC 9000 UNDERCOAT**

All exposed metal must be primed immediately to prevent corrosion  
 Repaint - spot prime exposed metal with Crystalux AC  
 Primer

**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 (kg/cm <sup>2</sup> ) | 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 Bodelac 9000 Undercoat  
 2 coats of Bodelac 9000 Alkyd Resin Enamel or Bodelac 9000 Matt Alkyd Resin Enamel
- CLEANING** : All equipment should be cleaned with Bodelax 9000 GP Reducer immediately after use

**GENERAL INFORMATION**

- SOLID CONTENT** : 79.0 ± 2% by weight
- DENSITY** : 1.54 ± 2% kg/litre
- FLASHPOINT** : 41 °C
- PACKING** : 1 litre and 5 litres
- STORAGE** : Store in a tightly sealed container in a cool dry place
- SHELF LIFE** : Up to 12 months in a tightly sealed container
- PRECAUTION** : 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

## **BODELAC 9000 UNDERCOAT**

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 5355 (Main Line)**  
**6264 1603 (Fax)**  
**[www.nipponpaint.com.sg](http://www.nipponpaint.com.sg)**