



LAB/SPEC/07-006  
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## TECHNICAL SPECIFICATION

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### NIPPON AQUA BODELAC

- Description** : Aqua Bodelac is a water-based Acrylic gloss enamel with low VOC (Volatile Organic Content) and extremely low odour during application and drying. As a tough and durable gloss finish, it is formulated for door and window trims in a wide variety of substrates including masonry, primed timber or metal, for interior use.
- It is formulated to be an environmentally favorable GREEN product to replace conventional solvent-based alkyd paint with all the benefits of an acrylic paint.
- Aqua Bodelac is specially formulated for use together with our Nippon Aqua Primer Sealer Undercoat for various types of substrates.
- Type** : Water-Based Acrylic Paint
- Colour** : White and various colours
- Finish** : Gloss finish
- Uses** :
- Recommended as a solvent-based enamel replacement for doors, architraves, windows and timber trims
  - For bare timber and metal substrate, it is recommended to apply with a coat of Nippon Aqua Primer Sealer Undercoat for maximize paint durability
- Features**
- Environmental friendly green emulsion
  - Low VOCs
  - Extremely low odour during application and drying
  - Non-toxic, does not contain lead, mercury and heavy metals
  - Good alkaline resistance
  - Anti-fungus property
  - Easy application
  - Good coverage and hiding power
  - Good blocking resistance
  - Good stain resistance
  - Good washability
  - Non yellowing
  - Fast drying
  - Easy wash up in water

#### APPLICATION DATA

- Method** : Roller or brush
- Theoretical Coverage** : 15 - 17 m<sup>2</sup>/L (based on 25 microns dry film thickness), depending on the surface texture, porosity and method of application

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- Dilution** : No dilution necessary for best performance.  
If necessary, dilute with not more than 5% water to improve workability.
- Surface Preparation** :
  - Surface must be clean, dry, stable and free from dust, dirt, oil, grease and other contaminants prior to painting
  - Remove all loose, peeling and flaking material prior to painting
  - Treat fungus-growth areas with household bleach. Rinse again with clean water and dry before painting
- Recommended Painting System** : New surfaces such as bare timber or metal substrates:
  - 1 coat Nippon Aqua Primer Sealer Undercoat
  - 2 coats Nippon Aqua Bodelac

Previously painted surfaces:
  - Ensure the old alkyd surface is lightly sanded and free from dust before applying 2 coats of Aqua Bodelac

**Drying Time** : Touch Dry - 30 minutes at 25 – 30 °C

**Overcoating Time** : 2 hours at 25 – 30 °C (allow 4 hours in cold or humid areas)

**Cleaning** : Wash all equipment immediately with clean water

### GENERAL INFORMATION

- Solid Content** : Above 50% by weight (based on white)
- Specific Gravity** : 1.25 ± 0.03 kg/L (based on white)
- Packing** : 1 litre
- Storage** : Store in a tightly sealed container in a cool dry place.
- Shelf Life** : Up to 18 months in a tightly sealed container
- Precaution** : Do not apply when temperature is below 10°C or above 35°C. The temperature must not fall below 10°C during the drying process. Provide adequate ventilation during use. Avoid direct contact with sensitive skin. Use appropriate protective equipment.

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.

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