

## TECHNICAL DATA SHEET FOR

**AQUA BODELAC**

**DESCRIPTION** : Aqua Bodelac is a water-based acrylic gloss enamel paint with low VOCs (Volatile Organic Compounds) and has extremely low odour during application and drying. As a tough and durable gloss finish for interior use, it is formulated for doors and window trims in a wide variety of substrates including masonry, primed timber or metal

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 to use together with Aqua Primer Sealer Undercoat for various types of substrates

**TYPE** : Water-based acrylic paint

**COLOUR** : As per colour card

**FINISH** : Gloss

**USES** : 

- Recommended as a solvent-based enamel replacement for doors, architraves, windows and timber trims

**FEATURES** : 

- Extremely low odour during application and drying
- Non-toxic, does not contain lead, mercury and heavy metals
- Excellent resistance to alkali
- Resistance to fungal growth
- Anti-bacterial property
- Good coverage and hiding power
- Good blocking resistance
- Good resistance to household stains
- Good washability
- Easy application and fast drying
- Non yellowing
- Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme

**APPLICATION DATA**

**METHOD** : Roller or brush

**THEORETICAL COVERAGE** : 15 – 17 m<sup>2</sup> / litre (25 µ DFT) depending on surface texture, substrate porosity and method of application

**DILUTION** : Ready for use, if necessary, dilution should not be more than 5 % water

**SURFACE PREPARATION** : Ensure surface is clean, dry and stable using the following suggested surface treatments:

***Masonry***

- **Moisture:** There must not be any water residue on the surface of the substrate. Moisture must be <4% (Sovereign moisture master) before application
- **Unstable matter:** Remove loose bonding film, dirt, peeling paint, etc by high-pressure water jet wash or mechanical means such as power brush or scraper, whichever is suitable
- **Contaminants:** Remove dust and foreign matter by cleaning with damp cloth. Remove oil or grease using solvent or mild detergent. Allow surface to dry
- **Fungus and Algae:** Wash the affected area to remove unstable matters and micro-organisms. Apply Anti-Fungus Solution and leave on for at least 2 hours
- **Hairline cracks:** Fill cracks with suitable exterior grade water-resistant putty or filler

***Metal***

The surface of the substrate must be:

- Clean/Dry
- Free for grease/oil
- Free from rust/foreign matter
- Free from unstable old film

Exposed metal must be primed with:

Non-ferrous: Vinilex 120 Active Primer or Hi-Vinyl 1102 CF Etching Primer

Ferrous: Aqua Primer Sealer Undercoat

***Wood***

Prepare by sanding to establish a smooth clean surface which is then applied with 1-2 coats of Aqua Primer Sealer Undercoat depending on wood species.

**DRYING TIME** : Surface Dry - 30 minutes at 30 °C  
Hard Dry - 2 hours at 30 °C

**OVERCOATING TIME** : Minimum 3 hours based on normal conditions

**AQUA BODELAC**

- RECOMMENDED PAINTING SYSTEM** :
- **New surfaces such as bare timber or ferrous metal substrates :**
    - a) 1-2 coats of Aqua Primer Sealer Undercoat
    - b) 2 coats of Aqua Bodelac
  - **New surfaces such as non-ferrous metal substrates :**
    - a) 1 coat of Vinilex 120 Active Primer or Hi-Vinyl 1102 CF Etching Primer
    - b) 1 coat of Aqua Primer Sealer Undercoat
    - c) 2 coats of Aqua Bodelac
  - **Masonry substrates :**
    - a) 1 coat of 5101 Odour-less Sealer
    - b) 2 coats of Aqua Bodelac

**CLEANING** : All equipment should be cleaned with water immediately after use

**GENERAL INFORMATION**

**SOLID CONTENT** : 51.0 ± 2.0 % by weight (based on white colour)

**SPECIFIC GRAVITY** : 1.26 ± 2.0 % kg / litre (based on white colour)

**PACKING** : 1 litre and 5 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** : 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.

**Enquiries / Contact Details** :

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