

TECHNICAL DATA SHEET FOR

AQUA BODELAC

DESCRIPTION : Aqua Bodelac is a premium water-based acrylic enamel paint specially designed for interior and exterior wood and metal surfaces for a non-yellowing, tough and durable finishes. Aqua Bodelac can be used in most areas where traditional oil-based enamels are required with the time saving benefits of an acrylic paint.

TYPE : Acrylic polymer

COLOUR : As per colour card

FINISH : Gloss and Matt

USES :

- Recommended for doors, architraves, windows and timber trims, and skirting boards

FEATURES :

- Low odour compared to conventional oil-based enamels
- 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
- Low VOC
- Does not contain lead, mercury and heavy metals
- Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme

APPLICATION DATA

METHOD : Roller or brush

THEORETICAL COVERAGE :

- 15 – 17 m²/ litre (Gloss)
- 13 – 15 m²/ litre (Matt)

Based on 25 µ DFT depending on surface texture, substrate porosity and method of application

DILUTION : No dilution is necessary for best performance

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- SURFACE PREPARATION** : Ensure the surface is properly prepared before application. Follow these steps:
- **Moisture:** The surface must be completely dry and free of any water residue. Moisture must be <4% using a Sovereign moisture master before application.
 - **Unstable matter:** Remove any loose or unstable material such as peeling paint, rust, mill scale, and dirt by high-pressure water jet wash or mechanical means such as power brush or scraper, whichever is appropriate.
 - **Contaminants:** Clean the surface of any dust, dirt, oil, or grease using a damp cloth and, if necessary, a mild detergent or solvent. Allow the surface to dry completely
 - **Fungus and Algae:** Wash the affected area to remove unstable materials and microorganisms, and then apply an anti-fungus solution and leave it on for at least 2 hours
 - **Hairline cracks:** Fill any hairline cracks with a 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: 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

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- 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 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 equipments should be cleaned with water immediately after use

GENERAL INFORMATION

SOLID CONTENT : 51.0 ± 2.0 % by weight (gloss, based on white colour)
54.0 ± 2.0 % by weight (matt, based on white colour)

DENSITY : 1.26 ± 2.0 % kg / litre (gloss, based on white colour)
1.36 ± 2.0 % kg / litre (matt, 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

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