# TECHNICAL DATA SHEET (MCI-TDS-016, Rev0, 01.06.2022)

## **BAOMA WOODCOLOR**





Protective Acrylic Finish For Wood & Galvanized Substrate

**BAOMA Woodcolor** is a premium quality water-based acrylic finish formulated with superior light fastness pigments to give excellent outdoor durability against harsh tropical climate. It is antifungal and water resistant, good hiding & easy-to-apply, having excellent adhesion property, making it suitable for exterior & interior wood finishing application such as fences, trusses, fascia boards, balconies & other wood substrates. Besides, it can be used on galvanized substrates such as rain gutters, roof sheets & etc.

#### Features & Benefits:

Weather Resistance provides outdoor durability for wood against harsh weather. Good Hiding & Easy-To-Apply that provides effortless application with smooth finish. Excellent Adhesion to ensure perfect binding with substrate surface for lasting paint performance. APEO, Formaldehyde & Heavy Metal FREE without causing toxic effects in humans or contaminating food chains. Low VOC that helps preserve the environment.

Standard Packing : 1 litre & 5 litres

### **Technical Information**

Binder : 100% Pure Acrylic Finish : Low Sheen

Color : Assorted colors, refer BAOMA Woodcolor & Color Infinity color card

Thinner : Water

Volume Solid : 30% by volume
Dry Film Thickness : 25 - 30 microns / coat

Theoretical Coverage : 10 - 12 m² / litre / coat (actual coverage may vary from 20 – 50% due to loss factors such as

surface profile, application method, dry film thickness, surrounding condition & etc)

No. of coats : Minimum 2 coats

Touch Dry : 30 minutes (depends on temperature and humidity)

Recoating Interval : 2 hours

Shelf Life : Minimum 12 months if properly stored

### **Typical Painting System**

Substrate	Primer (1 coat)	Intermediate (1 coat)	Topcoat (2 coats)
New Wood Surface	BENZi Aluminium Paint	BLUE-i Undercoat	BAOMA Woodcolor
Previously Painted Wood Surface	Not Necessary	BLUE-i Undercoat	BAOMA Woodcolor
Galvanized Surface	BENZi 100 Etching Primer	Not Necessary	BAOMA Woodcolor

## **Application Methods**

Brush / Roller : Dilute up to 5% of water if necessary
Conventional Air Spray : Dilute up to 20% of water if necessary
Airless Spray : Dilute up to 5% of water if necessary

Handling : Stir the paint thoroughly until completely mixed before painting
Clean Up : Clean all paint equipment with clean water immediately after use

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### **Surface Preparation**

Ensure the surface to be painted is clean, dry and free from dust, oil, grease and other contaminants. Areas affected by mould, lichen, algae or fungus must be treated with **MCI Micro Kill**. For new wood surface, sand smooth with suitable sandpaper in order to reduce grain raising and improve adhesion. If necessary, fill the wood grains with appropriate filler and smoothen with sandpaper and dusted off. For galvanized surface, priming of 1 coat **BENZi 100 Etching Primer** is compulsory before over-coating with **BAOMA Woodcolor**.

#### Storage

Keep container tightly closed and in a secure upright position, store in a cool and shady place, do not expose directly to sunlight and extremes of temperature. Keep out of reach of children.

### Safety, Health and Environment

Ensure good ventilation during painting, do not breathe vapour or spray mist. Keep doors and windows open during application and drying. It is advisable to wear mask and eyes protector while applying. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accidental ingestion, DO NOT INDUCE VOMITING, seek immediate medical advice. To remove splashes of paint from skin by using water and soap or skin care product. Do not empty paint into drains or water courses, dispose of any paint waste in accordance with the appropriate Environmental Quality Regulations.

Materials Safety Data Sheet (MSDS) is available upon request.

### **Hazard Statement**

This product is not classified as Hazardous under Malaysia's CLASS Regulations.

### Limitation of Liability

Liability of MCI Paint Sdn Bhd on any claim of any kind, including claims based upon negligence of MCI Paint Sdn Bhd, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall MCI Paint Sdn Bhd be liable for consequential or incidental damages.

#### Disclaimer

The above information is given to the best of our knowledge based on laboratory tests and practical experiences. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself. We reserve the right to change the given information without prior notice due to production refinements arising from continuing research and development, which may result in changes in the paint properties.



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