

TECHNICAL DATA SHEET (MCI-TDS-014, Rev0, 01.06.2022)

BAOMA GLOSS

100% Alkyd High Gloss Enamel



BAOMA Gloss is a premium quality low odor alkyd high gloss enamel specially developed to withstand the most severe condition of tropical climate. It is made of long-oil alkyd with superior light-fastness pigments. This enamel has excellent color and gloss retention, anti-fungus and water resistance, making it suitable for long term decoration and protection of metal and wood surfaces for both exterior and interior use.

Approved by SIRIM to Malaysian Standard **MS 125:1995**, Licence No: **PC000339**

Features & Benefits

Excellent Color & Gloss Retention for longer-lasting colors and gloss that keeps your home looking fresh and vibrant longer compared to other enamel paint. **Optimized Drying Time** enhances proper drying between each coat to ensure mirror-like smooth finish and tough paint film. **Weather Resistance** provides outdoor durability for wood and metal against harsh weather. **Fungus Resistance** as to prevent unsightly growth of surface fungus on painted substrates. **Low Odor**, no unpleasant smell during and after paint application, making your home ready for occupancy almost immediately.

Standard Packing : 1 litre, 5 litres & 15 litres

Technical Information

Binder	:	100% Alkyd
Finish	:	High Gloss
Color	:	Assorted colors, refer BAOMA Gloss & Color Infinity color cards
Thinner	:	White Spirit or Turpentine
Volume Solid	:	25% by volume
Dry Film Thickness	:	25 - 30 microns / coat
Theoretical Coverage	:	8 - 10 m ² / 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	:	2 hours (depends on temperature and humidity)
Recoating Interval	:	6 hours minimum
Shelf Life	:	Minimum 12 months if properly stored

Typical Painting System

Substrate	Primer (1 coat)	Intermediate (1 coat)	Topcoat (2 coats)
Wood	BENzi Aluminium Paint	BLUE-i Undercoat	BAOMA Gloss
Ferrous Metal	BENzi Red Oxide Primer or BENzi Zinc Phosphate Primer	BLUE-i Undercoat	BAOMA Gloss
Non-Ferrous Metal	BENzi 100 Etching Primer	BLUE-i Undercoat	BAOMA Gloss

Application Methods

Brush / Roller	:	Dilute up to 5% of White Spirit / Turpentine if necessary
Conventional Air Spray	:	Dilute up to 20% of White Spirit / Turpentine if necessary
Airless Spray	:	Dilute up to 5% of White Spirit / Turpentine if necessary
Handling	:	Stir the paint thoroughly until completely mixed before painting
Clean Up	:	Clean all paint equipment with White Spirit / Turpentine immediately after use

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Surface Preparation

New Ferrous Metal / Wood

Surface generally must be clean, free from rust, oil, grease, dust and other contaminants and must be thoroughly dried before application. Steel surface shall be manually wire brush or power tool cleaning to remove all rust or loose millscale as to comply with minimum Swedish Standard ST 3, then primed with appropriate anti-corrosion primer follow by undercoat before application of topcoat. Wood surface shall be sand down to smoothen the surface, then primed with aluminium wood primer follow by undercoat before application of topcoat.

Previously Painted Ferrous Metal / Wood

Previously painted surface should be thoroughly rubbed down using a suitable abrasive paper and then dusted off. Any loose and flaking paint film must be scraped off, rust should be thoroughly removed. The entire surface must be dry and free from dust, grease and other contaminants, spot-primed any surface imperfection with appropriate primer / undercoat before application of topcoat.

Non-Ferrous Metal

For new surface, thorough solvent degreasing to SSPC-SP1 is necessary. For old surface, it must be abraded to remove corrosion deposits. All surfaces must be dry and clean prior to painting.

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.

DANGER



Hazard Statement: Flammable liquid & vapour. May be fatal if swallowed & enters respiratory tract. Harmful if in contact with skin. May cause allergic or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation & allergic skin reaction. Very toxic to aquatic life with long lasting effects.

Precautionary Statement: Keep out of reach of children. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Wear protective gloves, eyes protector, face protector. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents & container in accordance with all local, national or international regulations.

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Limitation of Liability

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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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