




## NIPPON BODELAC HIGH GLOSS ENAMEL

NIPPON BODELAC ENAMEL is a specially- blended, alkyd-based synthetic enamel. It has no added lead or chrome compounds, thus making it safe. It has excellent gloss retention and is suitable for a wide variety of interior and exterior metal, wood and masonry surfaces.

Feature	Action	Benefit
 No added lead	It does not contain any added heavy metals like lead, chromium and cadmium which are harmful to the human body if consumed or inhaled.	Paints that do not contain heavy metals are safe to use at home and are environment-friendly too.
 High-gloss / sheen	It imparts a very high sheen and gives extra sheen to the applied substrate.	Gives a luxurious appearance to the surface and looks fresh and new forever.
 Anti-fungal	It does not allow fungal growth on the applied surface.	The wood, metal and wall surfaces can be protected from fungal growth for long.

**Gives best performance when:** Nippon Multi-purpose Solvent Primer / Nippon Red Oxide Metal Primer is used as undercoat.

**Where to use:** Can be used on interior and exterior metal, wood and masonry surfaces.

### Technical Data (Specification Data)

Bases and colours	BL 4, BL 3, BL 2, BL1 and Direct colours
Colour range	Please refer to Nippon Paint shade card / fandeck
Finish	High-gloss finish
Coverage	18 - 25 m <sup>2</sup> / litre / coat (Actual coverage is dependent on the film thickness)
Dry time	To touch: 2 - 3 hours      To re-coat: 6 - 8 hours
Gloss level	60° head, above 75 units
Clean-up solvent	Mineral Turpentine / General-purpose Thinner
Stability of diluted paint	24 hours
Shelf life	2 years from the date of manufacture in original tightly-closed containers
Dilution	20% by volume with Mineral Turpentine / General-purpose Thinner

## Standard Application System

Step 1	Clean the surface till it is free from dust, grease and wax. Sand the surface to remove rust and loosely adhering material, if any, with Emery paper 180, and wipe clean.
Step 2	<ul style="list-style-type: none"> <li>• <b>For Ferrous Metal:</b> Apply a coat of Nippon Red Oxide Metal Primer / Zinc Chromate Primer and allow it to dry for 8 hours. Sand the surface with Emery paper 240 or above and wipe clean. Apply 2 to 3 coats of Nippon Bodelac Enamel with re-coating interval of 8 hours.</li> <li>• <b>For Non-Ferrous Metal:</b> Apply a coat of Etch Primer/ Zinc Chromate Primer and allow it to dry for 6 hours. Apply 2 to 3 coats of Nippon Bodelac Enamel with re-coating interval of 8 hours.</li> <li>• <b>For Wooden Surfaces:</b> Apply a coat of Nippon Multi-Purpose Solvent Primer and allow it to dry for 6 to 8 hours. Sand the surface with Emery paper 240 or above and wipe clean. Apply 2 to 3 coats of Nippon Bodelac Enamel with re-coating interval of 8 hours.</li> <li>• <b>For Masonry Surfaces:</b> Apply a coat of Nippon Multi-Purpose Solvent Primer and allow it to dry for 6 to 8 hours. Sand the surface with Emery paper 240 or above and wipe clean. Apply 2 to 3 coats of Nippon Bodelac Enamel with re-coating interval of 8 hours.</li> </ul>

## Recommended Paint System

Sequence	Product	Number of Coats
Primer	Nippon Multi-purpose Solvent Primer or Nippon Red Oxide Metal Primer	Apply 1 coat and allow to dry overnight
Topcoat	Nippon Bodelac	Apply 2 - 3 coats in an interval of 6-8 hours

**Note:** For dark shades, 3 coats are recommended, applied with a roller for better hiding.

## Precautions

Avoid painting when the temperature is below 10°C. Painting is not recommended if the moisture content and alkalinity of the walls are high. Moisture content of the walls should be below 10% (measured by Protimeter) and alkalinity of the wall should be below pH 9. Relative humidity should be below 85%. Painting on a newly-plastered wall is recommended after 12 weeks of curing.

## Application

Brush	Dilute the paint up to 20% by volume using Mineral Turpentine / General-purpose Thinner
Roller	Dilute the paint up to 20% by volume using Mineral Turpentine / General-purpose Thinner (May cause gloss reduction)
Conventional spray	Dilute the paint up to 30% by volume using Mineral Turpentine / General-purpose Thinner

## Safety, Health & Environmental Information

During painting	Always work in a well-ventilated area. Wear appropriate attire, especially gloves and eye-protection gear. Avoid contact with skin as it may cause irritation.
Cleaning	Wash all the tools with Mineral Turpentine / General-purpose Thinner immediately after application.
Safety instructions	In case of eye contact, rinse immediately with water and seek immediate medical treatment. To remove paint from skin, use soap and water or appropriate cleanser. In the event of spillage, contain and collect spilt paint using sand or earth.
Storage	Store paint in a cool, dry and well-ventilated place away from heat sources, flammables or direct sunlight. Keep container tightly-closed in a secure, upright position. Do not store near food, drinks or animal feed. Keep out of reach of children. Do not dispose of unwanted paint into drains, water sources or open sewers. To dispose safely, pour unwanted paint onto old newspaper and let it dry before placing it in a proper waste receptacle.
Environment	Does not contain any added lead, mercury or chromium compounds.