

General Description

Nippon Paint Aquatec Enamel Finish is a water-based enamel paint. It is formulated to be used on wood and metal. It has excellent hiding power, fungus resistance and weathering resistance. Comparing to traditional alkyd solvent-based coating, Aquatec Enamel Finish is more environmentally friendly. Anti-corrosion property will be enhanced when using with an anti-corrosion primer.

Features

- Low odour
- Environmentally friendly
- Easy application
- Quick drying
- Anti-corrosion protection
- Tough and durable film
- Excellent adhesion
- Good flow
- Smooth finish
- Weathering resistance to UV exposure and rain
- Fungus resistance
- Water resistance
- Non-yellowing
- Excellent hiding power

Recommended For

- Interior and exterior primed wood and metal surfaces
 - Doors
 - Railings
 - Grilles
 - Machinery
 - Furniture
 - Pipes
 - Metal beams
 - Frames
 - Fabricated metal

General Information

Colour:	White, black, standard colours as per colour card and 318 computerized colours	Drying time: (at 25°C)	Surface dry: 1 hr Hard dry: 4 hrs
Type:	Water-based modification of acrylic copolymer formulated enamel paint	Overcoat Time: (at 25°C)	≥ 24 hrs
Finishes:	Gloss	Full Curing (at 25 °C)	7 days
Application Method:	Brush / Roller / Airless spray	Specific Gravity: (at 20°C)	1.30 (base on white)
Theoretical Cover age:	13~15 m ² /L/coat	Solid Content: (by volume)	50%
Dilution:	Brush and Roller - ~20% clean water Airless Spray - ≤ 10% clean water	Packing:	1L / 3L
Dry Film Thickness:	30µm	Shelf Life:	24 months in sealed original packaging stored at room temperature and shaded place.

Nippon Paint Aquatec Enamel Finish

Technical Data

<u>Test</u>	<u>Test Method</u>	<u>Result</u>
VOC Content (g/L)	USEPA Method 24	<100

Recommended Painting System

Sealer/Primer: One or two coats of Aquatec 1900 Multi-Primer (Metal) or Nippon Paint Aquatec Wood White Primer (Wood)

Top Coat: Two coats of Aquatec Enamel Finish

Surface Preparation

All surface must be clean, dry and free from oil, grease, dirt, contaminants, loose materials and rust. High moisture causes paint defect. The moisture content of substrate should be less than 6% or 19 determined by Protimeter. pH <10 is required for timber.

Metal: For optimum performance, abrasive blasting in accordance to Sa 2_{1/2} ISO 8501-1 :1988 is desirable. The surface to be coated must be clean and dry. Dry brushing should be sufficient to remove dirt. Where abrasive blasting is not possible, mechanical cleaning to St 3 ISO 8501-1 : 1988 standard is acceptable . For galvanized surfaces, thorough solvent degreasing to SSPC-SP1 is necessary and zinc salts can be removed by fresh water wash and scrubbing.

Timber: Prepare by sanding to establish a smooth and clean surface, then applying a suitable filler coat. This filler coat must be allowed to dry properly before sanding is performed to level out any irregularities of the applied surface. Before painting, the surface must be clean, free from dust any foreign matter.

❖ **Ensure fresh air ingress while applying and before dry done**

❖ **High humidity and cool temperature will result in longer drying time**

Limitations

Avoid painting when the temperature is below 5°C or the humidity is over 85%. Do not paint when raining and rain is expected during painting or drying process.

Clean Up

Wash painting tools with water immediately after use.

Safety Information

Keep out of reach of children. If medical advice is needed, get the product container or label at hand for easy reference.

Be aware of sanding dust / spray mist. Protective gloves, eye or face protection are highly recommended. Keep away from sparks, heat, open flames and any other ignition sources.

Eating, drinking and smoking should be prohibited in areas where the material is handled, stored and processed.

In case of eye contact, rinse immediately with plenty of water. For splashed skin, clean thoroughly with soap and water. Seek medical attention if indication persists.

If you experience difficulties on breathing, leave applied area and obtain fresh air. If difficulties continue, immediately get medical attention.

Product must always be stored in a ventilated, cool and dry place.

Tightly close product container after each use.

Flash Point and Ignition Point

Flash Point: N/A

Ignition Point: N/A

Note: The information given applies to the product and its performance under specific test condition. Due to the varied circumstances beyond our control under which the product may be applied, for specific applications, please contact Nippon Paint Project Sales Department. We reserve the right to modify our product specification without prior notice.

For further enquiries, please call:

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