

General Description

Nippon Paint Matex M600 Emulsion Paint is an economical anti-mould internal emulsion paint. It is also an eco-friendly product with several features including excellent hiding power, water resistance, alkali resistance, fungus resistance, fire-retardant and washable properties, giving ideal performances and protections for interiors.

Features

- Fungus resistance
- Alkali resistance
- Excellent adhesion
- Excellent hiding power
- Water resistance
- Washable
- Smooth finish
- Fire-retardant property
- Easy application

Recommended For

- Interior masonry surfaces
 - Hospitals
 - Schools
 - Restaurants
 - Shops
 - Offices
 - Public places
 - Residential buildings
 - Commercial buildings

General Information

Colour:	White, black, standard colours as per colour card and Nippon Paint 1881 colour creations	Drying time: (at 25°C)	Touch dry: 10 mins
Type	Water-based Acrylic PVA copolymer emulsion paint	Overcoat Time: (at 25°C)	2 hrs
Finishes:	Matt	Full Curing (at 25 °C)	7 days
Application Method:	Brush / Roller / Airless spray	Specific Gravity: (at 25 °C)	1.49 ± 0.03
Theoretical Coverage:	13.3 m ² /L/coat	Solid Content: (by weight)	55%
Dilution:	Brush / Roller - 20~30% clean water Spray - Max. 30% clean water	Packing:	5L /18L
Dry Film Thickness:	30µm	Shelf Life:	36 months in sealed original packaging stored at room temperature and shaded place.

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Technical Data

<u>Test</u>	<u>Test Method</u>	<u>Result</u>
VOC Content (g/L)	USEPA Method 24	<50
Halogenated Solvents Content (% by wt.)	USEPA Method 311	<0.01
Heavy Metal - Lead (ppm (w/w))	USEPA Method 3051A / USEPA Method 6010	<10
Heavy Metal - Cadmium (ppm (w/w))	USEPA Method 3051A / USEPA Method 6010	<10
Heavy Metal - Mercury (ppm (w/w))	USEPA Method 3051A / USEPA Method 6010	<10
Heavy Metal - Chromium VI (ppm (w/w))	USEPA Method 7196A	<10
Formaldehyde (% by wt.)	ASTM D6191-97R03	<0.001
Aromatic Compound (% by wt.)	USEPA Method 311	<0.01
Metal Material for ROHS - Heavy Metal - Lead (ppm (w/w))	Ref. IEC 62321: 2009	<10
Metal Material for ROHS - Heavy Metal - Cadmium (ppm (w/w))	Ref. IEC 62321: 2009	<10
Metal Material for ROHS - Heavy Metal - Mercury (ppm (w/w))	Ref. IEC 62321: 2009	<10
Metal Material for ROHS - Heavy Metal - Chromium VI (ppm (w/w))	Ref. IEC 62321: 2009	<10
Metal Material for ROHS - PBBs Content (ppm (w/w))	Ref. IEC 62321: 2009	<50
Metal Material for ROHS - PBDEs Content (ppm (w/w))	Ref. IEC 62321: 2009	<50
Fungus resistance	ASTM D5590-94	No growth of mould after 4 week of inhibition
Fire Retardant	BS476: Part 7: 1997	Class 1
Viscosity (KU)	ASTM D562-81 (Reapproved 1997) Procedure B	81
Hiding Power	BS 3900 : D4 : 1974 (1989)	90
Fineness of Grind	BS 3900 : C6 : 2000 ISO 1524 : 2000	30
Specular Gloss 85°	BS 3900 : D5 : 1997 (AMD 10590) BS EN ISO 2813 : 2000	4
Wet Scrub resistance (1500 cycles)	SS5 : Part 36 :1976	Pass

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Recommended Painting System

Sealer/Primer: One coat of Vinilex 5101 Wall Sealer

Top Coat: Two coats of Matex M600 Interior Emulsion Paint

Surface Preparation

All surface must be clean, dry and free from oil, grease, dirt, contaminants and loose materials.

Dirt/Powder: Clean with damp cloth. Mild detergent may be used.

Paint: Remove unstable or old film by high-pressure wash, or scraper whichever is appropriate.

Plaster: Remove by chisel or power grinder. Replaster to unstable surface with an approved mortar mixture.

Moisture: High moisture causes paint defect. The moisture content of substrate should be less than 6% or 19 determined by Protimeter. All water seepage must be checked and rectified.

pH Value: pH value should be less than 10.

Fungus: Remove by high-pressure wash & treat with Nippon Paint Anti-Fungus Solution

Oil/Grease: Clean off with mild detergent and a little solvent. Wash thoroughly to remove all trace.

✧ **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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