

General Description

Nippon Paint ZeroTec Interior Emulsion Paint is a green product with ultra-low VOC. It utilizes the innovative process to eliminate unwanted odour in paint. With excellent fungus resistance and anti-bacteria property, it gives outstanding performances and superior protections for interiors. This product is certified with “GREENGUARD Gold Certification” and “HK G-PASS Platinum”.

Features

- Ultra-low VOC
- Odourless
- Long lasting colour
- Non-yellowing
- Easy application
- Smooth surface
- Quick drying
- Good durability
- Excellent adhesion
- Washable
- Water resistance
- Alkali resistance
- Excellent fungus resistance
- Anti-bacteria up to 99.99%

Recommended For

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

Certification(s)



General Information

Colour:	White and 1021 computerized colours with -4 end	Drying time: (at 25~30°C)	Touch dry: 30 mins Hard dry: 60 mins
Type	Water-based acrylic emulsion	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)	1.2~1.5
Theoretical Coverage:	14-16 m ² /L/coat	Solid Content: (by volume)	50%
Dilution:	10~30% clean water	Packing:	18L
Dry Film Thickness:	30µm	Shelf Life:	36 months in sealed original packaging stored at room temperature and shaded place.

Nippon Paint ZeroTec Interior Emulsion Paint

Technical Data

<u>Test</u>	<u>Test Method</u>	<u>Result</u>
VOC Content (g/L)	DIN 55649	<10
Water Resistance	ASTM D1308 : 1987	No discernible change
Wet Scrub Resistance (cycle)	ASTM D2486-06 Method A	292
Adhesion Test	ASTM D3359-97	Classification 4B
Abrasion resistance (L/μm)	ASTM D968-93 Method A (Falling Sand Abrasion Test)	0.9
Phthalates content (%) (DBP, BBP, DEHP, DINP, DNOP, DIDP)	With reference to CPSC-CH1001-09.3.	ND
Lead, Cadmium, Mercury, Barium & Chromium (VI) (ppm)	ICP-AES & UV-Vis	ND
Ozone Depleting Substances (%)	Gas Chromatography Mass Spectrometry	ND
Formaldehyde (mg/kg)	GB 18582-2008	<10
Antibacterial Activity Test - Escherichia Coli, Staphylococcus Aureus, MRSA (Antibacterial Rate %)	HG/T 3950-2007	>99.9
Fungus Resistance	Reference to ASTM D5590-00	No Fungal growth (The rating is 0)

*ND = Not Detected

Nippon Paint ZeroTec Interior Emulsion Paint

Recommended Painting System

Sealer/Primer: One coat of Odour-less Primer

Top Coat: Two coats of ZeroTec 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:

Nippon Paint (H.K.) Co., LTD

Tel: (852) 2699 9333

Fax: (852) 2602 8844

Website: <http://www.nipponpaint.com.hk>

General Description

Nippon Paint Odour-less Primer is a water-based alkali-resistant acrylic sealer with low VOC and odourless property. It is formulated to prevent deterioration of top coat by strong concentration of cement chemicals and provides a better surface condition for top coat to adhere on. With property of fungus and algae resistance, it gives an additional protection for interior surfaces.

Features

- Low VOC
- Odourless
- Excellent adhesion
- Quick drying
- Fungus and algae resistance
- Excellent alkali resistance
- Efflorescence resistance

Recommended For

- Interiors
 - Cement plaster
 - Concrete
 - Quality skim coat

General Information

Colour:	White	Drying time: (at 30°C)	Touch dry: 10 mins
Type:	Modified acrylic copolymer IPS technology	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)	1.20 ± 0.03
Theoretical Coverage:	12m ² /L/coat	Solid Content: (by weight)	≥ 40%
Dilution:	Brush/Roller - max 30% water (Internal) - max 20% water (External) Spray - max 20% water (Internal)- - max 10% water (External)	Packing:	5L / 18L
Dry Film Thickness:	30µm	Shelf Life:	36 months in sealed original packaging stored at room temperature and shaded place.

Nippon Paint Odourless-less Primer

Technical Data

<u>Test</u>	<u>Test Method</u>	<u>Result</u>
VOC Content (g/L)	USEPA Method 24	<20

Surface Preparation

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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.

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