

## TECHNICAL DATA SHEET FOR

**NIPPON 3-IN-1 MEDIFRESH**

<b>DESCRIPTION</b>	:	Acrylic elastomeric coating for interior use which has excellent water resistance and washability but also covers hairline cracks and provides protection against bacteria - a long lasting coating which promotes better hygiene and health ideal for homes, schools, hospitals and food preparation areas. Nippon 3-In-1 Medifresh anti-bacterial paint has a special formula (tested by the Japan Food Research Laboratory) which protects the environment from many types of bacteria like MRSA, <i>E.coli</i> and <i>Staphylococcus aureus</i> , for the inhibition of asthma, flu and diarrhea etc.
<b>TYPE</b>	:	Acrylic emulsion for interior use
<b>COLOUR</b>	:	As per colour card
<b>FINISH</b>	:	Mid Sheen
<b>USES</b>	:	<ul style="list-style-type: none"><li>• A premium coating for protection of internal masonry surfaces (on walls, ceilings, skirting boards and doors)</li><li>• Used on interior walls of hospitals, clinics and other medical facilities</li><li>• Used on interior walls of food processing plants, restaurants and dining halls</li><li>• Used on interior walls of schools, kindergartens, day-care centers and community centers</li></ul>
<b>FEATURES</b>	:	<ul style="list-style-type: none"><li>• Excellent washability</li><li>• Covers hairline cracks (&lt; 0.3 mm thick)</li><li>• Excellent water-resistance for vertical walls</li><li>• Resists degradation by cement components</li><li>• Non toxic, does not contain lead and mercury</li><li>• Prevents the of growth of many types of bacteria including MRSA (Methicillin-resistant <i>Staphylococcus aureus</i>)</li><li>• Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme</li></ul>
<b>APPLICATION DATA</b>		
<b>METHOD</b>	:	Roller or brush
<b>THEORETICAL COVERAGE</b>	:	6 m <sup>2</sup> / litre (70 μ DFT, based on white colour)
<b>DILUTION</b>	:	No dilution is necessary for best performance

**NIPPON 3-IN-1 MEDIFRESH**

- SURFACE PREPARATION** : Ensure surface is clean, dry and stable using the following suggested surface treatments:
- **Moisture** :There must not be any water residue on the surface of the substrate. Moisture must be <4% (Sovereign moisture master) before application
  - **Unstable matter** :Remove loose bonding film, dirt, peeling paint, etc by high-pressure water jet wash or mechanical means such as power brush or scraper, whichever is suitable
  - **Contaminants** :Remove dust and foreign matter by cleaning with damp cloth. Remove oil or grease using solvent or mild detergent. Allow surface to dry
  - **Fungus and Algae** :Wash the affected area to remove unstable matters and micro-organisms. Apply Nippon Anti-Fungus Solution and leave on for at least 2 hours
- Hairline cracks** :Fill cracks with suitable exterior grade water-resistant putty or filler
- DRYING TIME** : Touch dry - 30 minutes at 30 °C  
Hard dry - 1 hour max at 30 °C
- OVERCOATING TIME** : 2 hours minimum based on normal conditions
- RECOMMENDED PAINTING SYSTEM** :
- 1 coat of Nippon Vinilex 2000 wall sealer
  - 2 coats of Nippon 3-In-1 Medifresh
- For severe hairline crack, an additional coat of Nippon 3-In-1 Medifresh is highly recommended
- POST TREATMENT** : As the paint film is elastic, masking tapes used to protect the surfaces such as doors and window frames should be removed carefully with a knife or cutter
- CLEANING** : All equipments should be cleaned with water immediately after use

**NIPPON 3-IN-1 MEDIFRESH****GENERAL INFORMATION**

- SOLID CONTENT** : 53.0 ± 2.0 % by weight (Based on white colour)
- SPECIFIC GRAVITY** : 1.31 ± 3.0 % kg / litre (Based on white colour)
- PACKING** : 1 litre and 5 litres
- STORAGE** : Store in a tightly sealed container in a cool, dry place
- SHELF LIFE** : Up to 24 months in a tightly sealed container
- PRECAUTION** : Ensure good ventilation during application and drying of paint. Avoid direct contact with sensitive skin. Use appropriate personal protective equipment

Refer to the product Safety Data Sheet for more information

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

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