

TECHNICAL DATA SHEET FOR

EvoMEDICO INTERIOR MATT

DESCRIPTION	<p>An environmentally friendly, anti-bacteria coating for interior use which is washable, covers hairline cracks and provides protection against bacteria - a long lasting coating which promotes better hygiene and health.</p> <p>Ideal for use in homes, schools, hospitals and food preparation areas, EvoMedico Interior Matt has a special formula which protects the environment from many types of bacteria like MRSA (Methicilline Resistant Staphylococcus Aureus), Escherichia Coli and Staphylococcus Aureus - for inhibition of asthma, flu and diarrhea etc.</p>
TYPE	: Modified Acrylic Elastomeric Emulsion
COLOUR	: A wide range of colours
FINISH	: Matt
USES	: <ul style="list-style-type: none">• Premium coating for protection of internal masonry surfaces. (On walls, ceilings, skirting boards and doors)• Ideal for interior use at medical facilities such as hospitals and medical clinics• Ideal for interior use such as schools, kindergartens, day-care centers , food canteen and community centers
FEATURES	: <ul style="list-style-type: none">• Environmentally friendly green interior emulsion with anti-bacterial property• Anti-bacterial property which prevents growth of many varieties of bacteria including MRSA (Methicilline Resistant Staphylococcus Aureus), Escherichia Coli and Staphylococcus Aureus• Non-toxic, does not contain lead, mercury and heavy metals• Excellent washability• Covers hairline cracks• Excellent water-resistant for vertical walls• Resists degradation by cement components• Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme
APPLICATION DATA	
METHOD	: Roller or brush
THEORETICAL COVERAGE	: Approx 10-12 m ² / litre (based on 30 microns DFT)
DILUTION	: No dilution is necessary for best performance

EvoMEDICO INTERIOR MATT

- 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 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 5101 Odour-less Sealer
2 coat of EvoMedico Interior Matt
For severe hairline crack, an additional coat of EvoMedico Interior Matt is highly recommended
- POST TREATMENT** : As the paint film is elastic, masking tapes used to protect surfaces not to be painted such as door and window frames should be removed with a knife or cutter.
- CLEANING** : All equipment should be cleaned with water immediately after use.

PERFORMANCE DATA

(Based on white colour)

Test Items	Test Methods	Results
Fineness	SS5 : Part B13 : 2003 (2013)	Below 50 µm
Viscosity	SS5 : Part B12 : 2013	93 ± 3 kU
Non-volatile Matter	SS5 : Part B2 : 2013	Above 50 %
Specific Gravity	SS5 : Part B7 : 2013	1.38 - 1.42
Gloss (85°)	SS5 : Part E1 : 2003 (2013)	max 5%
Hard Drying Time	SS5 : Part D3 : 1988	1 hour Max

EvoMEDICO INTERIOR MATT**PERFORMANCE DATA****(Based on white colour)**

Test Items	Test Methods	Results
Opacity	SS5 : Part E2 : 2013	Min 94%
Sagging	Sagging Tester	Passed 1000 microns
Wet Scrub Resistance	SS5 : Part F5 : 2003	Above 1500 cycles
Volatile Organic Content (VOC)	ISO 11890-2	Below 25 g/L
Cadmium (Cd) Content	EPA 3052/6010B	Not Detected
Lead (Pb) Content	EPA 3052/6010B	Not Detected
Mercury (Hg) Content	EPA 3052/6010B	Not Detected
Total Chromium (Cr ⁶⁺) Content	EPA 3052/6010B	Not Detected
Epichlorohydrin Content	ISO 11890-2	Not Detected
Formaldehyde Content	High Performance Liquid Chromatography	Not Detected

GENERAL INFORMATION

- PACKING** : 20 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.

- Enquiries / Contact Details** : **Customer Service**
6265 5355 (Main Line)
6264 1603 (Fax)
www.nipponpaint.com.sg

TECHNICAL DATA SHEET FOR

EvoMEDICO INTERIOR SHEEN

DESCRIPTION	<p>An environmentally friendly, anti-bacteria coating for interior use is only washable, covers hairline cracks and provides protection against bacteria - a long lasting coating which promotes better hygiene and health.</p> <p>Ideal for use in homes, schools, hospitals and food preparation areas, EvoMedico Interior Sheen anti-bacterial paint has a special formula which protects the environment from many types of bacteria like MRSA (Methicilline Resistant Staphylococcus Aureus), Escherichia Coli and Staphylococcus Aureus - for inhibition of asthma, flu and diarrhea etc.</p>
TYPE	: Modified Acrylic Elastomeric Emulsion
COLOUR	: A wide range of sophisticated colours
FINISH	: Low Sheen
USES	: <ul style="list-style-type: none">• Premium coating for protection of internal masonry surfaces. (On walls, ceilings, skirting boards and doors)• Ideal for interior use at medical facilities such as hospitals and medical clinics• Ideal for interior use such as schools, kindergartens, day-care centers , food canteen and community centers
FEATURES	: <ul style="list-style-type: none">• Anti-bacterial property which prevents growth of many varieties of bacteria including MRSA (Methicilline Resistant Staphylococcus Aureus), Escherichia Coli and Staphylococcus Aureus• Non-toxic, does not contain lead, mercury and heavy metals• Excellent washability• Covers hairline cracks• Excellent water-resistant for vertical walls• Resists degradation by cement components• Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme
APPLICATION DATA	
METHOD	: Roller or brush
THEORETICAL COVERAGE	: 8 m ² /litre
DILUTION	: No dilution is necessary for best performance
SURFACE PREPARATION	: Substrate should be clean, dry and stable before painting. Treat fungus-growth area with Anti-Fungus Solution.

EvoMEDICO INTERIOR SHEEN

- 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 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 5101 Odour-less Sealer
2 coat of EvoMedico Interior Sheen
For severe hairline crack, an additional coat of EvoMedico Interior Sheen is highly recommended
- RECOMMENDED FILM THICKNESS** : 40 - 50 microns DFT per coat
- POST TREATMENT** : As the paint film is elastic, masking tapes used to protect surfaces not to be painted such as door and window frames should be removed with a knife or cutter.
- CLEANING** : All equipment should be cleaned with water immediately after use.

PERFORMANCE DATA

(Based on white colour)

Test Items	Test Methods	Results
Fineness	SS5 : Part B13 : 2003 (2013)	Below 50 µm
Viscosity	SS5 : Part B12 : 2013	93 ± 3 kU
Non-volatile Matter	SS5 : Part B2 : 2013	Above 50 %
Specific Gravity	SS5 : Part B7 : 2013	1.28 - 1.34
Gloss (85°)	SS5 : Part E1 : 2003 (2013)	25 – 40%
Hard Drying Time	SS5 : Part D3 : 1988	1 hour Max

EvoMEDICO INTERIOR SHEEN**PERFORMANCE DATA****(Based on white colour)**

Test Items	Test Methods	Results
Opacity	SS5 : Part E2 : 2013	Min 94%
Elongation At Break	ASTM D412 : 1992	Passed 150%
Sagging	Sagging Tester	Passed 1000 microns
Alkali Resistance	SS5 : Part G2 : 2003	Passed
Wet Scrub Resistance	SS5 : Part F5 : 2003	Above 2000 cycles
Water Vapour Transmission	ASTM E96 : 1993	~ 2.00 g/m ² /hr
Water Immersion Test -After 3 Hours Application: 30 min immersion: 1 hr immersion:	ISO 2812-2 : 1993	No Blisters No Blisters
Volatile Organic Content (VOC)	ISO 11890-2	Below 30 g/L
Cadmium (Cd) Content	EPA 3052/6010B	Not Detected
Lead (Pb) Content	EPA 3052/6010B	Not Detected
Mercury (Hg) Content	EPA 3052/6010B	Not Detected
Total Chromium (Cr ⁶⁺) Content	EPA 3052/6010B	Not Detected
Epichlorohydrin Content	ISO 11890-2	Not Detected
Formaldehyde Content	High Performance Liquid Chromatography	Not Detected

GENERAL INFORMATION

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