

TECHNICAL DATA SHEET

SPOT-LESS PLUS MATT

Updated July'25



Spot-less Plus Matt is a high-performance interior emulsion paint designed to protect both your walls and your loved ones. Engineered with **Silver Ion Technology**, it provides advanced anti-viral and anti-bacterial protection—clinically proven to deactivate 99.9% of viruses including SARS-CoV-2. Its innovative **Anti-Stain Technology** repels common household stains, while **AirGuard Technology** continuously purifies indoor air by neutralizing formaldehyde, making it the ideal solution for modern health-conscious homes.

Spot-less Plus Matt combines technical excellence and aesthetic refinement with its **Luxurious Smooth Matt Finish**, offering excellent stain resistance, long-lasting colour, and easy-to-clean surfaces. With certifications from MS SIRIM and the Singapore Green Label, it delivers trusted protection, performance, and peace of mind.

Product Features:

Silver Ion Technology

Provides long-lasting anti-bacterial and anti-viral protection against harmful microorganisms including SARS-CoV-2, MRSA, and E. coli.

Anti-Stain Technology

Repels common stains such as coffee, ink, and sauces—making cleaning effortless and walls easier to maintain.

AirGuard Technology

Actively absorbs and neutralizes indoor formaldehyde, improving overall air quality for healthier living.

• Luxurious Smooth Matt Finish

Offers a velvety soft texture that enhances interior aesthetics while hiding minor surface imperfections.

Colour Care Technology

Helps retain rich and vibrant wall colours for longer-lasting beauty, even in high-traffic areas.

• Healthier Indoor Formula

Free from lead, mercury, and APEO, with low odour and low VOC—ideal for homes with children, elderly, and sensitive individuals.

Certified Assurance

Complies with MS 903:1984, SIRIM, and Singapore Green Label for proven performance, safety, and environmental compliance.

NOTE: Nippon Paint **Spot-less Plus Matt** serves to reduce the transmission of viruses and bacteria through inactivation process on painted surfaces. It does not warranty users' immunity to viruses and bacteria.

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Water based	Interior	Matt	Masonry, brick, plastering substrate and fibre board	1 Litre, 5 Litres, 15 Litres

Composition

Pigment : Mainly Titanium Dioxide, Iron Oxide, Carbon Black, Organic Pigments and Mineral Extender

Binder : Acrylic Copolymer

Thinner : Water



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Technical Data

Drying Time : Touch Dry : 30 minutes (Dependent on temperature and humidity)

: Hard Dry : 1 hour (Dependent on temperature and humidity)

Recoating Time : 2 hours (Dependent on temperature and humidity)
Dry Film Thickness : Around 30 µm per coat (based on substrate condition)

No. of Coats : 2 coats

Theoretical Coverage : 10 – 12 m² per litre per coat (Actual coverage is dependent on substrate condition, application

method, application condition and finishing appearance)

Volume Solid : ~ 36%

Shelf Life : Up to 36 months in tight sealed container

Application Method

Brush / Roller : Dilute the paint with not more than 5% of water. Preferable not dilute for best performance.

Recommended Coating System

Sealer / Primer : 8200 Premium Interior Sealer / 5200 Interior Sealer / Acrylic 5170 Wall : 1 Coat

Sealer / Hi-Bond Wall Sealer (on powdery or skim-coated surface)

Top Coat : Spot-less Plus Matt : 2 Coats

Surface Preparation

Remove all loose, defective paint or powdery residues, loose chalk, dust and foreign matter. Repair cracks, uneven surfaces with EasySKIM 5000 All Purpose Joint Compound or suitable fillers. Smoothen the putty / filler areas with sand paper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and alkalinity of the walls to be below pH9.) Spot prime with Nippon Interior Wall Sealer.

Cleaning

Clean up equipment with water immediately after use.

Certificates

Complies to Singapore Green Label and SIRIM Eco-Label

Certified by: Singapore Environment Council (SEC) and SIRIM QAS

Tests

- 1. ISO 21702:2019 on Antiviral Activity and Efficacy Test (SARS-CoV-2)
- 2. JIS Z2801:2012 on Antibacterial Activity and Efficacy Test (E. coli, MRSA and Staphylococcus Aureus)
- 3. ASTM D2486 on Wet Scrub Resistance, tested in-house
- 4. China GP JC/T 1074-2021 on Indoor air purification function Coating material purification performance
- 5. SGLS Category 032 on Singapore Green Label
- 6. ECO 019:2012 on SIRIM ECO Label

Safety Precautions

- Keep container tightly closed and keep out of reach children or away from food and drink.
- Ensure good ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from skin by using soap or water.
- Paint must always be stored in a cool place.



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- When transporting paint, care must be taken. Always keep container in a secure upright position.
- Dispose off any paint waste in accordance with the appropriate Environment Quality Regulations.

Note

* Theoretical Coverage is based on a mathematical formula

$$\left[\frac{Volume\ Solid\ \%\ x\ 10}{Dry\ Film\ Thickness}\right] = m^2/lit/coat$$

and does not consider LOSS FACTORS.

Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more.

Disclaimer

The information contained in this document is provided to the best of Nippon Paint's knowledge, based on laboratory testing and practical experience. As our products are considered semi-finished goods, their performance may be influenced by conditions beyond Nippon Paint's control. As such, we can only guarantee the quality of the product itself. Minor variations may be introduced to comply with local regulations. Nippon Paint reserves the right to modify the information in this document without prior notice.

Users are encouraged to consult Nippon Paint for specific guidance on the suitability of this product for their intended use and application method.

In case of discrepancies between language versions, the English (United Kingdom) version shall prevail.