

# **TECHNICAL DATA SHEET**

# **SPOT-LESS PLUS SHEEN**

**Updated July'25** 



**Spot-less Plus Sheen** is a high-performance modified acrylic emulsion paint designed to deliver long-lasting elegance and powerful wellness protection. Formulated with **Silver Ion Technology**, it is clinically proven to deactivate 99.9% of viruses—including SARS-CoV-2—while offering superior anti-bacterial performance against common household germs.

It also features **AirGuard Technology** that actively purifies indoor air by neutralizing harmful formaldehyde, making it the ideal choice for health-conscious homes. Combined with **Anti-Stain Technology** that repels stains and a smooth, luxurious sheen finish, Spot-less Plus Sheen sets a new benchmark in both beauty and protection.

Certified by MS SIRIM and the Singapore Green Label, this low odour, low VOC paint creates a safer indoor environment while delivering durable, vibrant colour for modern living spaces.

#### **Product Features:**

### Silver Ion Technology

Provides long-lasting anti-viral and anti-bacterial protection, clinically tested to eliminate 99.9% of viruses (including SARS-CoV-2), MRSA, and E. coli.

#### AirGuard Technology

Absorbs and neutralizes indoor formaldehyde, continuously purifying the air for healthier indoor living.

### Anti-Stain Technology

Repels everyday stains like ink, coffee, and sauces—making walls easier to clean and maintain.

### • Luxuriously Smooth Sheen Finish

Offers an elegant soft sheen appearance that enhances light reflection while resisting dirt and wear

### • Colour Care Technology

Preserves vibrant colour and surface clarity, even in high-traffic areas, for longer-lasting beauty.

### • Healthier Indoor Formula

Free from lead, mercury, and APEO, with low odour and low VOC for a safer environment for children and sensitive users.

## • Certified Assurance

Complies with MS 903:1984, SIRIM, and Singapore Green Label for trusted safety, health, and environmental standards.

NOTE: Nippon Paint **Spot-less Plus Sheen** 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	Sheen	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  $: 10 - 12 \text{ m}^2 \text{ per litre per coat (Actual coverage is dependent on substrate condition, application)}$ 

method, application condition and finishing appearance)

Volume Solid : ~ 39%

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 Sheen : 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.