

**SUPER ECO 5000 PLUS**
*Updated Oct'24*


Super ECO 5000 Plus is a vinyl acrylic copolymer emulsion paint that is specially formulated with Silver Ion Technology, providing anti-viral and anti-bacterial performance. It is useful for the inhibition of various diseases thus, helping to create a safer, healthy and more hygienic indoor environment. It is also a low VOC, environmentally friendly product suitable for interior walls, with a smooth matt finish.

**Product Features:**

- Anti-viral (effective against harmful viruses such as SARS-CoV-2)  
\*\* 99.9% effective against COVID-19 (SARS-CoV-2)
- Anti-bacterial
- Anti-fungus
- Low VOC
- Easy to clean
- Good Adhesion
- Excellent colour retention and durability
- Fast dry and easy application
- Minimises surface irregularities

**NOTE: Nippon Paint Super ECO 5000 Plus 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	20 Litres

**Composition**

Pigment	: Mainly Titanium Dioxide, Iron Oxide, Carbon Black, Organic Pigments and Mineral Extender
Binder	: Vinyl Acrylic Copolymer
Thinner	: Water

**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 m <sup>2</sup> per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)
Volume Solid	: ~ 33%
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.
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**Recommended Coating System**

Sealer / Primer	: 3200 Interior Sealer / 5300 Basecoat Sealer / Acrylic 5170 Wall Sealer / Hi-Bond Wall Sealer (on powdery or skim-coated surface)	: 1 Coat
Top Coat	: Super ECO 5000 PLUS	: 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 / EasySKIM PLUS 2000 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 Paint Interior Wall Sealer.

**Cleaning**

Clean up equipment with water immediately after use.

**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.
- 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

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

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.

The above information is given to the best of our knowledge based on laboratory tests and practical experience.

However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself.

We reserve the right to alter the given without prior notice.