

**VINILEX FRESH PLUS**
*Updated July'25*


**Vinilex Fresh Plus** is a high-performance emulsion paint designed to enhance indoor wellness through innovation. Infused with **Silver Ion Technology**, it delivers long-lasting anti-viral and anti-bacterial protection—proven effective against 99.9% of viruses, including SARS-CoV-2 (ISO 21702). Going beyond surface hygiene, it also features **AirGuard Technology** that purifies indoor air by actively neutralizing harmful formaldehyde. With excellent colour retention, smooth luxurious matt finish, and low odour formulation, Vinilex Fresh Plus offers complete peace of mind for modern, health-conscious homes.

Certified by **MS SIRIM** and the **Singapore Green Label**, it provides safer, fresher interiors with a refined aesthetic.

**Product Features:**

- **Silver Ion Technology**  
Clinically tested to neutralize 99.9% of viruses including SARS-CoV-2, alongside proven anti-bacterial action against E. coli and MRSA for enhanced surface hygiene.
- **AirGuard Technology**  
Absorbs and neutralizes airborne formaldehyde—improving indoor air quality continuously and silently.
- **Smooth Luxurious Matt Finish**  
Elevates wall aesthetics with a rich, non-reflective finish that blends seamlessly with modern interiors.
- **Colour Care Technology**  
Ensures long-lasting vibrancy and resistance to dulling even under daily wear and cleaning.
- **Low Odour, Low VOC**  
Suitable for families, children, and allergy-sensitive individuals with its clean, healthier indoor formula.
- **Certified Assurance**  
Meets MS 903:1984, SIRIM Eco-Label, and Singapore Green Label standards for health, safety, and environmental performance.

NOTE: Nippon Paint Vinilex Fresh 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	1 Litre, 5 Litres, 15 Litres
<b>Composition</b>				
Pigment	: Mainly Titanium Dioxide, Iron Oxide, Carbon Black, Organic Pigments and Mineral Extender			
Binder	: Acrylic Copolymer Emulsion			
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	: 9 – 11 m² per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)	
Volume Solid	: ~ 35%	
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 Sealer / Hi-Bond Wall Sealer (on powdery or skim-coated surface)	: 1 Coat
Top Coat	: Vinilex Fresh 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 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: <i>Singapore Environment Council (SEC) and SIRIM QAS</i>		
Tests		
1. <b>ISO 21702:2019</b> on Antiviral Activity and Efficacy Test (SARS-CoV-2)		
2. <b>SS150:2015 (Annex A)</b> on Mildew Resistance Test		
3. <b>JIS Z2801:2000</b> on Antibacterial Activity and Efficacy Test (E. coli, MRSA and Staphylococcus Aureus)		
4. <b>ASTM D2486</b> on Wet Scrub Resistance, tested in-house		
5. <b>SGLS Category 032</b> on Singapore Green Label		
6. <b>ECO 019:2012</b> 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.
- 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.

**Disclaimer**

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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.