

**TECHNICAL DATA SHEET FOR
VIRUSGUARD +**

DESCRIPTION	:	VIRUSGUARD + is an innovative interior paint that specially formulated with Corning Guardian™ Technology. VIRUSGUARD + provides antibacterial property and is tested to be effective against human Coronavirus. It reduces the risk of pathogenic viruses and bacterial infections, providing you and your family with a healthy and safe home surroundings.
TYPE	:	Modified Acrylic Polymer Emulsion
COLOUR	:	As per color card
FINISH	:	Classic matt finish
USES	:	<ul style="list-style-type: none">• Internal masonry surfaces, such as cement, plastered walls, brickwork and fibre boards.• Ideal for use on interior walls of hospitals, schools, offices and residential buildings
FEATURES	:	<ul style="list-style-type: none">• Waterbased & low VOC• Effective against human Coronavirus when test against human coronavirus 229E• Effective against Feline Calicivirus (<i>approved by EPA to replace human norovirus</i>)• Anti-bacterial property• Mould & mildew resistance• Good flow and levelling• Good hiding power• Good stain resistance and washability• Non-toxic and lead, mercury and heavy metals free• Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme
APPLICATION DATA		
METHOD	:	Roller or brush
THEORETICAL COVERAGE	:	10 – 12 m ² / litre (based on 35 microns DFT)
DILUTION	:	Ready for use, if necessary, dilution should not be more than 5 % water

APPLICATION DATA

- 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** : Surface Dry - 30 minutes at 30 °C
Hard Dry - 2 hour at 30 °C
- OVERCOATING TIME** : 2 hours minimum based on normal conditions
- RECOMMENDED PAINTING SYSTEM** :
 - 1 coat 5101 Odour-less Sealer or Vinilex 2000 Sealer
 - 2 coats VIRUSGUARD+
- CLEANING** : All equipment should be cleaned with water immediately after use.

GENERAL INFORMATION

- SOLID CONTENT** : 56 ± 2.0 % by weight
- SPECIFIC GRAVITY** : 1.37 ± 2.0 % kg/litre
- PACKING** : 5 litres
- STORAGE** : Store in a tightly sealed container in a cool dry place
- SHELF LIFE** : Up to 24 months in a tightly sealed container.

GENERAL INFORMATION

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.

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