

**TECHNICAL DATA SHEET FOR
VIRUSGUARD**

DESCRIPTION	:	VIRUSGUARD is a specially formulated hygienic coating with Silver Ion technology. VIRUSGUARD provides antibacterial property and has been tested to be effective against human coronavirus. It is suitable for the protection and decoration of indoor wall to increase the defense against virus transmission over the painted surfaces and inhibits the bacteria growth on them.
TYPE	:	Acrylic Polymer Emulsion
COLOUR	:	As per color card
FINISH	:	Soft sheen finish
USES	:	<ul style="list-style-type: none">• Internal masonry surfaces, such as cement, plastered walls, brickwork and fiberboards.• Ideal for use on interior walls of hospitals, schools, offices and residential buildings
FEATURES	:	<ul style="list-style-type: none">• Water-based & low VOC• Effective against human coronavirus when tested against SARS-CoV-2 virus• 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
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** : 55 ± 2.0 % by weight
- SPECIFIC GRAVITY** : 1.35 ± 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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