

MEDGUARD



Product Description:

MedGuard is a water based anti-viral and antimicrobial coating specifically developed for action against viruses, gram positive, and gram-negative bacteria. It inactivates enveloped viruses such as Coronavirus and Influenza viruses via a charge-based interaction with their outer lipid envelope layer.



APPLICATION INSTRUCTIONS

Do not apply at temperatures below 5 °C or when rain is expected. Stir well. Apply using brush, roller, or airless spray.

Technical Details

Property	Value	Testing Method/Standard
Resin Type	Vinyl Acrylic	
Spreading Rate	Approximately 8-9 m ² /kg/coat	
Coats Recommended	2-3 coats depending on surface porosity and application	
Average Dry Time	Touch-dry in 1/2-1 hour	ASTM D 1640
Recoat Time	After 2-4 hours	
Thinner	Add up to 15% clean water for first coat, 20% for others	
Density	1.28 g/cm ³	
Viscosity	10,000 - 15,000 cP (Spindle 4, Speed 5)	
Testing Methods Used	ASTM D6886, EPA Method 24, ASTM D2369, ASTM D3960, UL 2821, ISO 11890-2	



Health and Safety:

- ❖ Use under well-ventilated conditions. Do not breathe or inhale spray mist or sanding dust. Avoid skin contact; spillage on the skin should immediately be removed with suitable cleanser, soap, and water. In case of eye contact, flush immediately with water for at least 15 minutes and seek medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.



Quality & Durability:

- **Antibacterial Performance:** The product is highly effective in resisting bacterial growth
- **Chemical Resistance:** Resistant to damage from common cleaning agents and frequent friction.
- **Easy Maintenance:** Designed to maintain hygiene standards
- **Long-term Durability:** Built for durability under various environmental conditions, ensuring long-term performance.

Uses:

Providing painted surfaces with anti-viral and anti-bacterial active properties.
Potent anti-viral activity Broad spectrum of anti-bacterial activity Inactivation of more than 99.5% of Influenza A & Corona virus