

HYGIENE



Product Description:

Hygiene is a 100% pure acrylic-based paint developed to resist bacterial and fungal growth, ensuring clean and hygienic environments. It is ideal for use in hospitals, clinics, schools, pharmaceutical facilities, kitchens, and hotels. The paint effectively combats various harmful bacteria such as *Escherichia coli*, *Staphylococcus aureus*, and *Pseudomonas aeruginosa*. It is non-hazardous, easy to apply, and can be disposed of like standard emulsion paints while maintaining its germ-fighting properties.



APPLICATION INSTRUCTIONS

Shake product vigorously until completely homogenous. Apply using brush, roller or airless spray.

Technical Details

Property	Value	Testing Method/Standard
Antibacterial Efficacy	>99.0% Based on JIS Z 2801:200	JIS Z 2801:200
Spreading Rate	8-10 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 the first coat, 20% for others	
Density	1.23 g/cm ³	
Contrast Ratio (Dry Opacity)	96.7% ±0.3 at 100 micron WFT, 98.3% ±0.3 at 200 micron WFT	ASTM D2805
Viscosity (Brookfield)	2,000-5,000 cP (Spindle 3, Speed 10)	
Testing Methods Used	ASTM D6886, EPA Method 24, ASTM D2369, ASTM D3960, UL 2821, ISO 11890-2	
Compliant Standards	GS-11, UL 2818 Gold Standard, LEED 2009, LEED V4, EU Directive 2004/42/EC, SCAQMD Rule 1113-2004, CDPH Standard V1.1-2010	
Colors Available	Pure White	



Health and Safety:

- **Precautions:** Wear gloves and eye protection, ensure good ventilation, and avoid skin and inhalation contact.
- **Storage:** Store in a cool, dry place, away from sunlight and children.



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:

- Interior & exterior applications on wood, metal, plaster, wall-boards, concrete, cement rendering, brickwork & block work etc.