

TECHNICAL DATASHEET

ANTI-BACTERIAL PAINT – LOW VOC

PRODUCT DESCRIPTION

High Quality and Low VOC emulsion paint based on acrylic copolymer and special biocides and insecticides paint additives. The agent is non-toxic by nature which gives rise to long lasting antimicrobial action on the surface.

ENVIRONMENTAL STANDARDS & VOC REQUIREMENTS

This paint conforms to environmental standards, is free of toxic materials, solvents and has a VOC content value <1% complying with **ASTM D2369-20**

PRODUCT BENEFITS

- 1- Aging resistance and high durability
- 2- Outstanding scrub resistance and wash ability
- 3- Easy to clean
- 4- Strong adhesion and good hiding power
- 5- Excellent water resistance
- 6- Alkali resistance
- 7- Fungicide and antibacterial performance

RECOMMENDED USES

Decorative paint suitable for plaster and cement surfaces.

- Interior of hospitals, clinics and other medical facilities.
- Interior of food processing plants and food catering facilities.
- Interior of public facilities such as schools and kindergartens.
- Interior of restaurants, cafeterias, dining areas.
- Interior of common areas such as corridors, halls, gymnasiums.
- Interior of nursing homes and homes for old aged.

SURFACE PREPARATION

All surfaces should be clean, dry and free from oil, grease and loose materials. Water blast cleaning is the preferred method of preparation and special attention should be paid to moss and lichen, these areas should be treated with Fungicidal Wash. Oil and grease should be removed.

CHEMICAL AND PHYSICAL PROPERTIES

Physical Properties

Physical State Liquid

Appearance Matte Finish
Color Range see catalogue
Odor None

Specific Gravity, ISO 2811 1.32 g/cm³
Viscosity, ISO 2884 10- 12 poises
pH. 8- 8.5

Drying Time, ASTM D5894 2-4 hours per coat

Recoat Time 4-6 hours

Coverage 50- 60 m² per US gallon per one coat

* Coverage depends on method of application, surface texture and porosity, environmental conditions

Sag Resistance Test, ASTM D3730 Excellent
Leveling Test, ASTM D2801 Excellent

Chemical Properties

Total solids by weight 50%
Total solids by volume 38%

Very low VOC <1%

PRIMING / THINNING

Fill cracks with HAPPY WALL Ready Putty.

Apply 2 or 3 coats of Anti-Bacterial paint. Thin with clean water (20- 25% for brush/roller and 30% spray application). Thickness of paints film depends on condition of surface.

Clean tools and equipment with water immediately after use.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20L

STORAGE

Avoid frost & excessive heat.

This technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.
All details about working with our products should be adapted to prevailing local conditions and materials used.