

ECHO ANTI-MICROBIAL PAINT

• DESCRIPTION & FIELD OF APPLICATION

Echo Anti-microbial Paint is a superior quality polymeric emulsion paint. It is developed to ensure sustainable protection against bacteria and mould. It is proven to minimize the spread of disease and infection, and also helps reduce the risk of potential infections for the lifetime of the paint.

Echo Anti-microbial Paint is recommended for use on interior and exterior surfaces such as concrete, cement, wall paper, and gypsum works. Ideal for houses, hospitals, x-ray rooms, Surgical operation rooms, medical laboratories, pharmaceutical plants, clinics, Restaurants, food and beverage factories.

• MAIN FEATURES

- Scientifically formulated with non-toxic antibacterial additives
- Prevents the growth of fungi, bacteria, and algae which can cause the defacement & degradation of surface coating for a period up to 3 years
- Excellent dirt pick-up resistance
- Non flammable
- Free of lead and mercury
- Ammonia free, low odour
- Provides a mildew resistant coating
- Washable; stains wash off easily
- Excellent coverage and hiding power
- Excellent weathering resistance
- Excellent durability and scratch resistance

• PHYSICAL SPECIFICATIONS

- | | |
|------------------------|---|
| - Specific gravity | - Approx. 1.40 g/cc |
| - Volume Solids | - Approx. 33% |
| - Coverage rate | - 10 -12 m ² /Liter |
| - Dry film thickness | - 100-130 Microns (Thickness depending on surface condition) |
| - Finish | - Off-gloss (approx. 80%) |
| - Drying time at 25° C | - Surface dry: approx. 1 hour
Hard dry : 2 hours
second coat can be applied after 2-3 hours |

• SURFACE PREPARATION

The surface should be sound, dry, and clean; free from dirt, oil, grease, and loose paint or powdery materials.

A. OLD PAINTED SURFACES

1. Remove old paint as much as possible.
2. Sand the entire surface and remove all the dust.
3. Wash down with Ammonia water solution.
4. Rinse with clean water and allow drying.
5. Prime the surface to be painted with Echo Latex Sealer.
6. Fill the cracks and holes with Echo interior putty or Echo Acrylic Filler.
7. After drying, sand the putty and clean the surface once again.
8. Apply two coats of Echo Anti-Microbial paint.

B. NEW SURFACES

1. Sand the surface until completely smooth, and remove all the dust.
2. Prime the surface to be painted with Echo Latex Sealer.
3. Apply 1-2 coats of Echo interior putty or Echo Acrylic Filler.
4. After drying, sand the putty and clean the surface.
5. Apply two coats of Echo Anti-Microbial paint.

• **INSTRUCTIONS FOR APPLICATION**

- Air spray gun

Type of thinner : Clean water
Percentage of thinning : 20 - 25% max. By volume
Nozzle orifice : 0.015 – 0.018 mm

- Air spray gun

Type of thinner : Clean Water
Percentage of thinning : 20 - 25% max. By volume
Nozzle orifice : 1.5 - 2.0 mm
Output pressure : 2 - 3 bars

- Brush / Roller

Type of thinner : Clean Water
Percentage of thinning : 10 - 15% max. by volume

• **COLORS**

- Multi-color range, as per color card



- **PACKING**

- 19-liter Pail - 1 US gallon

- **STORAGE**

- The product must be kept in cool well-ventilated place, protected from sunlight and heat.
- Containers must be kept tightly closed after partial usage.
- Storage life up to 5 years from date of production, if stored as suggested.

- **REMARKS**

- Stir well before use.
- Avoid application below 5° C or over 85% relative humidity.
- Ensure good ventilation during application and drying.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- After contact with skin, wash immediately with plenty of soap and water or a recognized skin cleaner.
- After using, clean the application tools immediately with water.
- Keep out of children's reach.
- For more information, please do not hesitate to contact our Technical Department.