

## Technical Data Sheet

### **EBM** Anti-Bacterial Matt Emulsion

**EM4600**

**Description :** A Hygienic Water-based matt Emulsion for interior & exterior wall and ceiling Surfaces on cement plaster, concrete and gypsum board.  
The product offers high resistance to many types of Bacteria and Fungus Such as MRSA, E-coli, and Staphylococcus Aureus.  
Recommended for Hospitals, Schools, Kitchens, Hotels, Malls ...etc

#### **Features:**

1. Excellent hiding power.
2. Promote better Hygiene and Health.
3. Highly washable.
4. Anti- Fungus/ Mould/ Algae.
5. No lead or Mercury added.

#### **Physicals Properties:**

Viscosity (KREB VISCO. at 25 <sup>0</sup> C)	:	95 – 110 KU
Finish	:	Matt
Flash Point	:	Not applicable
Specific Gravity	:	1.45 ± 0.02 kg/L
Solid by Volume	:	38.0 ± 1.0
Ph value	:	8.5 – 9.5
Coverage rate	:	12 - 14m <sup>2</sup> /Liter
Dry film thickness	:	30 - 40 micron
Shelf Life (dry and cool store)	:	Two years

#### **Surface Preparation and Application Method:**

1. The surface should be dry, free from dirt, oil, grease and powdery material.
2. For new surfaces sand the entire surface and remove the dust.
3. Wash the surface with clean water and allow to complete dry.
4. Apply one coat of **EBM** Acrylic Primer.
5. Apply two coats of **EBM** wood and wall putty.
6. Sand the surface to complete smooth and remove the dust.
7. Apply two coats of **EBM** Anti-Bacterial Matt Emulsion.

# EBM

Coatings and Chemicals

## Technical Data Sheet

### **EBM** Anti-Bacterial Matt Emulsion

EM4600

#### **Dilution and Application:**

Type of thinner	:	Clean water
Percentage of thinning	:	15 - 20% by volume
Tools	:	Brush or Roller

**EBM** Anti-Bacterial Matt Emulsion can be also used by Air spray gun and Air less spray

#### **Drying time (at 30°C):**

Touch dry	:	1 – 2 hours
Hard dry	:	2 – 4 hours

A second coat can be applied after four hours.

#### **Subsequent Coats:**

**NONE**

**Colors:** EBM Color Card

**Packing:** 18 Liter drum, 15 Liter drum, 3.75 Liter Gallon

#### **Remarks:**

Before Application

- Stir thoroughly
- Check Temperature above 5°C and relative humidity less than 85%

After Application

- Clean all tools used immediately with water
- Close the cans after used
- Store in dry and cool area

For more information, don't hesitate to contact our Technical Department.