

# EBM

Coatings and Chemicals

## Technical Data Sheet

### **EBM Acrylic Emulsion**

**EM4001**

**Description :** A premium Quality Water-based Emulsion paint for interior and exterior Applications on cement plaster, concrete, Facade, asbestos and gypsum Board.

#### **Features:**

1. Excellent hiding power
2. Highly resistant to weathering conditions
3. Highly washable
4. Durability and scratch resistance

#### **Physicals Properties:**

|  |   |                              |
|--|---|------------------------------|
| Viscosity (KREB VISCO. at 25 <sup>0</sup> C) | : | 95 – 110 KU                  |
| Finish                                       | : | Matt                         |
| Flash Point                                  | : | Not applicable               |
| Specific Gravity                             | : | 1.35 ± 0.02 kg/L             |
| Solid by Volume                              | : | 40.0 ± 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)              | : | One year                     |

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

1. The surface should be dry, free from dirt, oil, grease and powdery material.
2. For old painting, remove the old paint as much as possible.
3. Wash the surface with diluted Ammonia Solution.
4. For new surfaces sand the entire surface and remove the dust.
5. Wash the surface with clean water and allow to complete dry.
6. Apply one coat of **EBM Acrylic Primer**.
7. Apply two coats of **EBM wood and wall putty**.
8. Sand the surface to complete smooth and remove the dust.
9. Apply two coats of **EBM Acrylic Emulsion**.

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### Dilution and Application:

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

EBM Acrylic Emulsion can be also used by Air spray gun and Air less spray gun.

### 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.