



## PRODUCT DATA SHEET

### DÉCORATIVE: ECONOMY RANGE

#### HI COVER PVA

#### 1. DESCRIPTION

High obliteration general purpose matt emulsion paint based on a styrene copolymer resin.

#### 2. PRINCIPAL CHARACTERISTICS

- First coat in the ECONOMY range.
- Good opacity on raw plaster and ceiling boards.
- Recommended for normal internal and external conditions. Not recommended as a final coat.
- Excellent sealing properties that prevents substrate absorption of more expensive finishing coats.
- Water based with low odor and fast drying.
- Good application properties and can be over coated with compatible conventional paints. Not recommended for scratch plaster surfaces.

#### 3. PACKAGING, COLOURS AND GLOSS

- 5lt and 20lt.
- White.
- Matt finish.

#### 4. BASIC DATA AT 23°

- |                          |   |
|--------------------------|---|
| • Drying time:           | ± 1hr surface dry.<br>± 6hrs full cure. |
| • Recoating time:        | ± min 2hrs for 40µm dft, max unlimited. |
| • Pot life:              | N/a                                     |
| • Induction period:      | N/a                                     |
| • Mass relative density: | ± 1.4 – 1.5 g/cm <sup>3</sup> .         |
| • Solids by volume:      | ± 52%.                                  |
| • Viscosity:             | ± 100 – 105 Ku.                         |



**PROTECTION WHERE YOU NEED IT!**

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- Recommended dft: 40µm per coat. (2 coats recommended.)
- Theoretical spreading rate: 12 – 14m<sup>2</sup>/lt for 40µm.
- Practical spreading rate: 5 – 7m<sup>2</sup>/lt for 40µm.
- Shelf life: at least 12 months in cool and dry conditions.
- Flash point: Nonflammable.

## 5. RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Previous coat: (contractors pva, plaster primer) must be free from any contamination and sufficiently abraded if necessary.
- The substrate must be dry, surface moisture content less than 15%, before and during application of HI COVER PVA.
- Substrate temperature should be between 10°C and 40°C and at least 3°C above dew point during application and curing.
- Maximum relative humidity during application and curing is 85%.

## 6. INSTRUCTIONS FOR USE

- Stir well before use.
- Product temperature of the stirred base should be above 15°C to achieve application viscosity.
- Product is formulated to be ready for use; the addition of water will reduce sag resistance and opacity.
- Always ensure adequate ventilation.
- AIRLESS SPRAY:
- Recommended thinner: Water.
- Volume of thinner: Thinning not recommended.
- Nozzle orifice: ± 0.46 – 0.53mm.
- Nozzle pressure: 12 – 15MPa (± 120 to 150 bar).



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- AIR SPRAY:
- Recommended thinner: Water.
- Volume of thinner: 0 – 5%, depending on required thickness and application conditions.
- Nozzle orifice:  $\pm 1.8 - 2\text{mm}$ .
- Nozzle pressure: 0.3 – 0.4MPa ( $\pm 3$  to 4 bar).
  
- BRUSH / ROLLER:
- Recommended thinner: Water.
- Volume thinner: Thinning not recommended.
- Cleaning solvent: Water.

## 7. SAFETY PRECAUTIONS

This is a water-based paint, avoid inhalation of spray mist vapor as well as contact between the wet paint and exposed skin or eyes.



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