



## PRODUCT DATA SHEET

### DÉCORATIVE: SUPERIOR RANGE

### SUPER ACRYLIC MATT (SA MATT)

#### 1. DESCRIPTION

Top-quality general-purpose matt emulsion paint based on a vinyl acrylic copolymer resin.

#### 2. PRINCIPAL CHARACTERISTICS

- Finishing roof coat in the SUPERIOR range.
- Good stain resistance for a matt finish under normal interior and exterior conditions.
- Good UV resistance and will not chalk on outside exposure, however normal fading of colors over time can take place.
- Water based with low odor and fast drying.
- Washable and will resist forming shiny patches on cleaning. Take care not to use strong or abrasive cleaning agents when washing the coating.
- Good application properties and can be over coated with compatible conventional paints.
- Non-yellowing and non-toxic.

#### 3. PACKAGING, COLOURS AND GLOSS

- 1lt, 5lt and 20lt.
- White and a wide range of tinted colors.
- Matt finish.

#### 4. BASIC DATA AT 23°

- |                     |                                           |
|---------------------|-------------------------------------------|
| • Drying time:      | ± 2hrs surface dry.<br>± 24hrs full cure. |
| • Recoating time:   | ± min 2hrs for 40µm dft, max unlimited.   |
| • Pot life:         | N/a                                       |
| • Induction period: | N/a                                       |



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
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- Mass relative density:  $\pm 1.3 - 1.4 \text{ g/cm}^3$ .
- Solids by volume:  $\pm 51\%$ .
- Viscosity:  $\pm 80 - 100 \text{ Ku}$ .
- Recommended dft:  $40\mu\text{m}$  per coat. (2 coats recommended.)
- Theoretical spreading rate:  $11 - 13\text{m}^2/\text{lt}$  for  $40\mu\text{m}$ .
- Practical spreading rate:  $5 - 7\text{m}^2/\text{lt}$  for  $40\mu\text{m}$ .
- Shelf life: at least 12 months in cool and dry conditions.
- Flash point: Nonflammable.

## 5. RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Previous coat: (matt acrylic, 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 SA MATT.
- Substrate temperature should be between  $10^\circ\text{C}$  and  $40^\circ\text{C}$  and at least  $3^\circ\text{C}$  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  $15^\circ\text{C}$  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:  $\pm 0.46 - 0.53\text{mm}$ .
- Nozzle pressure:  $12 - 15\text{MPa}$  ( $\pm 120$  to  $150 \text{ bar}$ ).



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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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