



## PRODUCT DATA SHEET

### DÉCORATIVE: SUPERIOR RANGE

### ALKALI RESISTANT PLASTER PRIMER

#### 1. DESCRIPTION

High obliteration alkali resistant plaster primer based on a modified alkyd resin.

#### 2. PRINCIPAL CHARACTERISTICS

- Plaster primer in the ECONOMY range.
- Excellent opacity and adhesion for new internal and external cement plaster, porous or chalky surfaces and ceiling boards.
- Good application and sealing properties that penetrates porous and friable surfaces, preventing absorption and alkali attack against more expensive finishing coats.
- Must be over coated with compatible conventional alkyd or water-based paints.
- Provides a stable base for top coats.
- Cannot prevent lateral or rising damp.

#### 3. PACKAGING, COLOURS AND GLOSS

- 1lt, 5lt and 20lt.
- White.
- Matt finish.

#### 4. BASIC DATA AT 23°

- |                          |   |
|--------------------------|---|
| • Drying time:           | ± 4hrs surface dry.<br>± 16hrs full cure. |
| • Recoating time:        | ± min 16hrs for 40µm dft, max unlimited.  |
| • Pot life:              | N/a                                       |
| • Induction period:      | N/a                                       |
| • Mass relative density: | ± 1.2 – 1.4 g/cm <sup>3</sup> .           |
| • Solids by volume:      | ± 71%.                                    |



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
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- Viscosity:  $\pm 75 - 85$  Ku.
- Recommended dft:  $40\mu\text{m}$  per coat. (2 coats recommended.)
- Theoretical spreading rate:  $16 - 18\text{m}^2/\text{lt}$  for  $40\mu\text{m}$ .
- Shelf life: at least 12 months in cool and dry conditions.
- Flash point:  $36^\circ\text{C}$  to  $43^\circ\text{C}$ .

## 5. RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Previous coat: (n/a, raw plaster or porous surfaces only) 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 ALKALI RESISTANT PLASTER PRIMER.
- 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 mineral turpentine will reduce sag resistance and opacity.
- Always ensure adequate ventilation.
- AIRLESS SPRAY:
- Recommended thinner: Mineral Turpentine.
- Volume of thinner: Thinning not recommended.
- Nozzle orifice:  $\pm 0.38 - 0.48\text{mm}$ .
- Nozzle pressure:  $12 - 16\text{MPa}$  ( $\pm 120$  to  $160$  bar).



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- AIR SPRAY:
- Recommended thinner: Mineral Turpentine.
- Volume of thinner: 0 – 5%, depending on required thickness and application conditions.
- Nozzle orifice:  $\pm 1.5 - 2\text{mm}$ .
- Nozzle pressure: 0.3 – 0.4MPa ( $\pm 3$  to 4 bar).
  
- BRUSH / ROLLER:
- Recommended thinner: Mineral Turpentine.
- Volume thinner: 15% - 20% depending on substrate density.
- Cleaning solvent: Mineral Turpentine.

## 7. SAFETY PRECAUTIONS

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



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