



PRODUCT DATA SHEET

SUPERIOR RANGE

ACRYLIC ROOF COAT

1. DESCRIPTION

Top quality emulsion roof paint based on an adhesion promoted modified vinyl acrylic copolymer resin with additives to combat mold growth and reduce dirt retention.

2. PRINCIPAL CHARACTERISTICS

- Finishing roof coat in the SUPERIOR RANGE.
- Excellent UV resistance and will not chalk on outside exposure, however normal fading of colors overtime can take place.
- Water based and fast drying.
- Good flexibility and hardwearing. 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.

3. PACKAGING, COLOURS AND GLOSS

- 1lt, 5lt and 20lt.
- White and wide range of standard iron oxide roof colors.
- Satin finish.

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PROTECTION WHERE YOU NEED IT!



4. BASIC DATA AT 23°

- Drying time: ± 2 hours surface dry.
 ± 24 hours full cure.
- Recoating time: \pm min 3 hours for 45 μ m dft, max unlimited.
- Pot Life: N/a
- Induction period: N/a
- Mass relative density: $\pm 1.3 - 1.4$ g/cm³
- Solids by volume: $\pm 39\%$
- Viscosity: $\pm 80 - 100$ Ku.
- Recommended dft: 45 μ m per coat. (2 coats recommended)
- Theoretical spreading rate: 7 – 9 m² /lt for 45 μ m.
- Practical spreading rate: 5 – 7m² /lt for 45 μ m.
- Shelf life: at least 12 months in cool and dry conditions.
- Flash point: Non- flammable.

5. RECOMMENDED:

- Previous coat: (roof acrylic, single pack etch primer, water based etch 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 ACRYLIC ROOF COAT.
- Substrate temperature should be between 10°C and 30°C and at least 3°C above dew point during application and curing.
- Maximum relative humidity during application and curing 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.

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AIRLESS SPRAY:

- Recommended thinners: Water.
- Volume of thinner: Thinning not recommended.
- Nozzle orifice: $\pm 0.46 - 0.53\text{mm}$.
- Nozzle pressure: 12-15MPa (± 120 to 150 bar)

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 (± 3 to 4 bar).

BRUSH/ ROLLER:

- Recommended thinner: Long haired brush or synthetic roller.
- Volume thinner: Water.
- Cleaning solvent: 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 wet paint and exposed skin or eyes.

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