



PRODUCT DATA SHEET

DECORATIVE: SUPERIOR RANGE HIGH GLOSS ENAMEL

1. DESCRIPTION

High quality gloss enamel paint based on a modified alkyd resin.

2. PRINCIPAL CHARACTERISTICS

- Finishing coat in the SUPERIOR range.
- Excellent opacity for high gloss paint for internal and external substrates. Do not exceed maximum recommended spreading rate.
- Good UV resistance to direct outside exposure, however normal fading of colours over time can take place.
- Solvent based with good resistance to scuffing and marring.
- High gloss finish allows for low dirt retention. Is scrutable with detergents but 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 alkyd based paints. Cannot be overcoated with flexible pva's without sufficient abrasion and intermediate undercoats.
- Tough and durable for extended exterior maintenance cycles.

3. PACKAGING, COLOURS AND GLOSS

- 1lt, 5lt and 20lt.
- White and a wide range of standard colours.
- High gloss finish.

4. BASIC DATA AT 23°C

- Drying time: \pm 4hrs surface dry.
 \pm 18hrs full cure.
- Recoating time: \pm min 16hrs for 40 μ m dft, max unlimited.
- Pot life: N/a
- Induction period: N/a
- Mass relative density: \pm 0,95 - 1,3 g/cm³.
- Solids by volume: \pm 45%.
- Viscosity: \pm 65 – 75 Ku.
- Recommended dft: 40 μ m per coat. (2 coats recommended)
- Theoretical spreading rate: 8 - 10m²/lt for 80 μ m.
- Shelf life: at least 12 months in cool and dry conditions.



PROTECTION WHERE YOU NEED IT!

Limitation of liability applies. Refer to annexure for full disclosure.
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- Flash point: 38_C to 45_C.

5. RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Previous coat: (alkyd-based primer, gloss enamel) 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 HIGH GLOSS ENAMEL.
- 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 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: $\pm 0.38 - 0.48$ mm
 - Nozzle pressure: 12 – 16 MPa (± 120 to 160 bar)
- AIR SPRAY:
 - Recommended thinner: Mineral Turpentine.
 - Volume of thinner: 0 – 5%, depending on required thickness and application conditions.
 - Nozzle orifice: $\pm 1.5 - 2$ mm
 - Nozzle pressure: 0.3 – 0.4 MPa (± 3 to 4 bar)
- BRUSH / ROLLER: Long haired brush or mohair roller.
 - Recommended thinner: Mineral Turpentine.
 - Volume of thinner: Thinning not recommended.
 - Cleaning solvent: Mineral Turpentine.

7. SAFETY PRECAUTIONS

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



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