



PRODUCT DATA SHEET

DÉCORATIVE: ECONOMY RANGE

UNIVERSAL UNDERCOAT

1. DESCRIPTION

High quality general purpose undercoat based on a modified alkyd resin.

2. PRINCIPAL CHARACTERISTICS

- Intermediate undercoat in the ECONOMY range.
- Excellent opacity and adhesion on correctly prepared and primed internal and external substrates.
- Good application with excellent brushing and leveling properties. Must be over coated with compatible conventional alkyd or water-based paints.
- Provides a smooth base for top coats.
- Cannot be applied to un-primed surfaces.

3. PACKAGING, COLOURS AND GLOSS

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

4. BASIC DATA AT 23°

- Drying time: ± 4hrs surface dry.
± 16hrs full cure.
- Recoating time: ± min 16hrs for 45µm dft, max unlimited.
- Pot life: N/a
- Induction period: N/a
- Mass relative density: ± 1.2 – 1.3 g/cm³.
- Solids by volume: ± 45%.
- Viscosity: ± 75 – 85 Ku.
- Recommended dft: 45µm per coat. (2 coats recommended.)



PROTECTION WHERE YOU NEED IT!

Limitation of liability applies. Refer to annexure for full disclosure.
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- Theoretical spreading rate: 8 – 10m²/lt for 45µm.
- Practical spreading rate: 6 – 8m²/lt for 45µm.
- Shelf life: at least 12 months in cool and dry conditions.
- Flash point: 36°C to 43°C.

5. RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Previous coat: (alkyd or water-based 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 UNIVERSAL UNDERCOAT.
- 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: ± 0.38 – 0.48mm.
- Nozzle pressure: 12 – 16MPa (± 120 to 160 bar).

• AIR SPRAY:

- Recommended thinner: Mineral Turpentine.
- Volume of thinner: 0 – 5%, depending on required thickness and application conditions.
- Nozzle orifice: ± 1.5 – 2mm.
- Nozzle pressure: 0.3 – 0.4MPa (± 3 to 4 bar).



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- **BRUSH / ROLLER:** Long haired brush or mohair roller.
- **Recommended thinner:** Mineral Turpentine.
- **Volume thinner:** Thinning not recommended.
- **Cleaning solvent:** Mineral Turpentine.

7. **SAFETY PRECAUTIONS**

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



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