



PRODUCT DATA SHEET

INDUSTRIAL RANGE

URETHANE – FLOOR COATING SYSTEM

1. DESCRIPTION

A high-quality Urethane finish based on modified Alkyd resins.

2. PRINCIPAL CHARACTERISTICS

- Recoat able urethane finish in the SUPERIOR RANGE.
- Suitable for internal / external cement and concrete floors.
- Suitable for normal and high humidity (maximum 95%) atmospheric conditions.
- Will cure at low ambient temperatures.
- Good application properties and can be over coated with conventional paints.
- Good adhesion on most aged, sound alkyd- and epoxy coatings.

3. PACKAGING, COLOURS AND GLOSS

- 1lt and 5lt
- Standard colors: Grey, green , black, red oxide.
- Semi-gloss finish.

4. BASIC DATA AT 23°

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|--------------------------|---|
| • Drying time: | ± 2hrs surface dry.
± 18Hrs full cure. |
| • Recoating time: | ± min 4hrs for 100µm dft, max unlimited. |
| • Pot life: | ± N/a. |
| • Induction period: | ± 15min – 20min. |
| • Mass relative density: | ± 1.0– 1.1 g/cm ³ . |
| • Solids by volume: | ± 49%. |
| • Viscosity: | ± 80 – 85Ku |
| • Recommended dft: | 100µm 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: 6 – 8m²/lt for 100µm.
- Practical spreading rate: 5 – 7m²/lt for 100µm.
- Shelf life: at least 12 months in cool and dry conditions.
- Flash point: base 25°C.

5. RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- The substrate must be free from any contamination and sufficiently abraded if necessary.
- The substrate must be dry before and during application of URETHANE FLOOR 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 is 95%.

6. INSTRUCTIONS FOR USE

- Stir well before use.
- Product temperature of the mixed base should be above 15°C to achieve application viscosity.
- Mineral Turpentine can be introduced to lower the viscosity if necessary. Do not exceed 10% to volume.
- Too much solvent will reduce sag resistance and opacity.
- Always ensure adequate ventilation.
- AIRLESS SPRAY:
 - Recommended thinner: Mineral Turpentine.
 - Volume of thinner: Thinning not recommended.
 - Nozzle orifice: ± 0.46 – 0.53mm.
 - Nozzle pressure: 13 – 16MPa (± 130 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.



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- Nozzle pressure: 0.3 – 0.4MPa (± 3 to 4 bar).
- BRUSH / ROLLER: (not recommended)
- Recommended thinner: Mineral Turpentine.
- Volume thinner: 0 – 5%, depending on required thickness and application conditions.
- Cleaning solvent: Mineral Turpentine.

7. SAFETY PRECAUTIONS

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



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