

PRODUCT DATA SHEET

RomoCoat Epoxy Finish Paint

RomoCoat Epoxy Finish Paint is a **two-component, general-purpose epoxy topcoat for steel in land and marine atmospheres**, with good resistance to water and mild chemicals but a tendency to chalk under UV/weathering (so best under a PU or for interiors/semi-sheltered areas).

Product description

- Designed as an epoxy finishing coat for structural steel and equipment exposed to atmospheric, marine and general industrial conditions, where chemical and water resistance are important.

Typical applications

- 1) Structural steel & industrial plants
- 2) Marine and coastal atmospheres (non-decorative or under PU)
- 3) Tanks, process equipment and piping (externals & internals where suitable)
- 4) Floors, concrete & secondary containment (light/medium duty)
- 5) OEM & maintenance coating



*Important note for usage: Epoxy topcoats **chalk and lose gloss under sunlight/UV**; for long-term decorative exterior finish, overcoat with a polyurethane or use epoxy only in shaded/indoor zones.*

Product data

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|--------------------------|---|
| Mixing ratio | : 3 : 1 by volume (Base : Hardener). |
| Pot life | : 4–6 hours at 30 °C. |
| Application methods | : airless spray, conventional air spray, brush. |
| Nozzle orifice (airless) | : 0.017"–0.019". |
| Volume solids | : approx. 45%. |
| Recommended DFT per coat | : 25–35 µm. |

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ROSALEE COLOURS PVT. LTD. - MONARCH CREATIONS GROUP

Mfg. Of Anti-Corrosive Primers, Epoxy – PU Paints, Rebar Protective Coat, Marine-Industrial Paints

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- Theoretical spreading rate : 18.00–12.85 m²/L at 25–35 µm DFT (on smooth steel; practical coverage lower due to losses).
- Surface dry : 1–1.5 hours at 30 °C.
- Hard dry : ~16 hours at 30 °C.
- Fully cured : ~7 days at 30 °C.
- Overcoating interval : minimum 16 hours, maximum 4 weeks.
- Finish : glossy.
- Colour : as required (tintable range).
- Flash point : above 23 °C.
- Thinner : RP epoxy thinner.

Surface preparation & system

- Substrate must have a suitable epoxy primer or undercoat; steel should be properly blasted/cleaned as per the primer's requirements (typically Sa 2½ for new steel).
- Before applying RomoCoat Epoxy Finish, ensure the primer/intermediate is fully cured within its overcoat window, clean and free from salts, oil, grease, dust and other contaminants.
- Old painted surfaces: remove loose/defective coating and rust; sound firmly adhering coatings must be roughened (sanding or sweep-blasting) to provide a mechanical key before overcoating.

Typical systems:

- Epoxy primer (zinc phosphate / zinc rich) → Epoxy high-build / MIO intermediate → RomoCoat Epoxy Finish (for industrial / marine atmospheres where a PU topcoat is optional or used only in exposed zones).

Application guidance

- Mix base and hardener accurately at 3:1 by volume and stir until homogeneous; maintain pot-life limits.
- Adjust viscosity with epoxy thinner only as required for spray; excessive thinning reduces DFT and performance.
- Apply 1–2 coats to reach specified total finish DFT; avoid heavy single-coat build to minimize sagging.
- Respect overcoating interval (min 16 hours, max 4 weeks); if max interval is exceeded, lightly abrade before recoating to ensure intercoat adhesion.

Health, safety & storage

- Avoid inhalation of solvent vapours and spray mist and avoid contact with skin and eyes; use gloves, goggles and suitable respirator according to local regulations.
- Provide forced ventilation when applying or curing in confined or poorly ventilated areas.
- Store in a cool, dry, well-ventilated place; keep containers tightly closed and away from direct sunlight and heat/ignition sources.

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