



MIROLON AK 6970 Rapid Dry Pigmented Topcoat

MIROLON AK 6970 is a user friendly, fast drying, single pack, pigmented topcoat ideal for light industrial metal fixtures, transportable containers, such as box trailers & rubbish/ skip bins. An easy to apply rapid dry coating that will result in a velvet smooth high build finish. Use over MIROLON ZP 6930 Rapid Dry Zinc Phosphate Primer when a fast drying system is required.

Product Advantages

- Easy to use to achieve an excellent finish with minimal effort or expertise
- Excellent build reduces the number of topcoats required
- Single pack, no pot life issues to manage
- Rapid drying means quicker turnaround

Typical Applications

Interior metal furniture & cabinets, light industrial metal objects, skip bins, machinery, scaffolding, safes & shipping containers.

Product Properties

Build:	Good
Sandability:	Good
Vertical Hold Up:	Good
Solvent Resistance:	Good
Water Resistance:	Good
Levelling & Flow:	Very Good
Sink Back:	Minimal

Typical Properties

Colour:	White, matched to colour on request
Gloss:	Gloss

Coverage: 8 m² per litre at 125 micron wet film build. This is dependent on the application equipment / gun set up and the article being coated.

Thinning: Thin 10-20% with MIROSOL 1222 or 1286 (Fast), 1294 (Medium), 1242 (Slow)

Application Viscosity: 50-55 seconds BS4 Flow Cup at 25°C.

Wet Film Thickness (WFT): 100-125 microns per coat.

Application Methods:

Suction Gun:	Use 1.5 to 2mm (59-79 thou) orifice with 350-400kpa (50-55 psi).
Pressure Pot:	Use 1.5 to 2mm (59-79 thou) orifice with pressure pot air-cap. Gun pressure 350-400kpa (50-55 psi) and a pot pressure of 45kpa (6 psi) max.
Airless Spray:	Use 0.23 to 0.33mm (9-13 thou) orifice, 15cm fan (dependent on job) with regulated pump pressure of 350-400kpa (50-55 psi).
Air Mix Guns:	Settings similar to airless spray with the air-assisted regulator pressure at 70-90kpa

(10-15psi).

Drying: Dust Free: 10-15 minutes
 Touch Dry: 30 minutes
 Dry to Handle: 25 minutes
 Recoat: After sanding
 Full Cure: 48 hours

Low temperatures or heavy film thickness will retard drying times.

Bare Metal Preparation: Remove contaminants by washing the surface with MIROSOL 1231 Wax & Grease Remover. Ensure all corrosive products, soluble salts, mill scale, loose or flaky paint is removed prior to coating. Finishing or abrasive blast cleaning may be required. At the time of the application, the surface should have a surface temperature of between 18 to 25°C to reduce the risk of loss of adhesion due to condensation.

Aluminium, Galvanised Steel & Zinalume: Thoroughly clean the surface with MIROSOL 1231 Wax & Grease Remover. Apply one light coat of MIROKEY VY 6615 to provide adhesion for the following coats of MIROLON 6930 Primer or one of the recommended Mirotone topcoats. Apply MIROLON 6930 over MIROKEY VY 6615 when a higher build sanding primer is required. Allow to dry & apply the recommended Mirotone metal topcoat.

Recommended Primers: MIROLON AK 6930 Metal Primer & MIROTHANE PU 5629 2K Primer.

Application Equipment Clean Up: Clean all equipment using MIROSOL 1222 or 1286 Thinner

Shelf Life: 24 months

Packaging: 4 & 20 litres

Health & Safety

Before handling, refer to the Material Safety Data Sheet for health and safety information. Ensure that all personnel using this product have read and understood this data sheet and the associated MSDS and packaging label before using this product.

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