



## MIROPRIME ZP 6930 Rapid Dry Zinc Phosphate Primer

MIROPRIME ZP 6930 is an extremely fast drying, single pack, pigmented primer for exterior & interior metal surfaces. It is aromatic free & contains no formaldehyde or phthalates making it safer for the user & the environment. Fast drying, with excellent sanding, properties it is an ideal base to be top coated with a variety of Mirotone topcoats.

### Product Advantages

- Very fast drying, speed up production & ensure earlier recoat times.
- Easy to sand, powders easily reducing sanding time
- Single pack, no pot life issues to manage
- Formaldehyde free, safer for the applicator, zero formaldehyde emissions in rooms in which articles are installed.

### Typical Applications

Interior & exterior use. Ideal for metal furniture, metal door frames & doors, skip bins, shipping containers, trailers & metal cabinets.

Depending on the choice in topcoat this product may not be suitable for harsh environments including petrochemical tankers & marine environments.

### Product Properties

Build:	Very Good
Sandability:	Very Good
Vertical Hold Up:	Very Good
Solvent Resistance:	Resists splash and spillage of mineral turps but has poor resistant to industrial solvents
Water Resistance:	Fair
Levelling & Flow:	Excellent
Sink Back:	Minimal

### Typical Properties

Colour:	White
Gloss:	N/A

**Coverage:** 6 m<sup>2</sup> per litre at 150 micron wet film build. This is dependent on the application equipment / gun set up and the article being coated.

**Thinning:** Thin 25-40% with MIROSOL 1222 or 1286 (Fast), 1294 (Medium), 1242 (Slow)

**Application Viscosity:** 20-30 seconds BS4 Flow Cup at 25°C.

**Wet Film Thickness (WFT):** 125-150 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).

<b>Drying:</b>	Dust Free:	5 minutes
	Touch Dry:	10 minutes
	Sanding:	25-40 minutes
	(All primed metal left longer than 24 hours should be sanded to improve adhesion of the topcoat)	
	Topcoat:	After 30 minutes, depending on wet film thickness and temperature
Block Stacking (Handling/transporting): 24 hours dependent on WFT and temperature		
<i>Low temperatures or heavy film thickness will retard drying times.</i>		

**Metal Surface 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. Linishing 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 MIROPRIME 6930 Primer or one of the recommended Mirotone topcoats. Apply MIROPRIME 6930 over MIROKEY VY 6615 when a higher build sanding primer is required. Allow to dry & apply the recommended Mirotone metal topcoat.

**Recommended Topcoats:** MIROLON AK 6970 Rapid Dry Topcoat  
MIROLON AK 6980 High Build Gloss Topcoat  
MIROTHANE PU 5610 Pigmented Topcoat  
Most commonly used decorative solvent and water based enamels after testing.

**Note:** *If using a product other than a Mirotone topcoat it is up to the user to test the product prior to top coating to ensure compatibility. Some coatings may contain ingredients that reduce the adhesion of the full coating system including the 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.

---

**Mirotone Pty Ltd Australia (Head Office)**  
ABN 40 000 041 136  
21 Marigold Street,  
Revesby NSW 2212 Australia  
P +61 2 9795 3700 F +61 2 9771 3601  
sales@mirotone.com.au

**Mirotone (NZ) Ltd New Zealand (Head Office)**  
32 Cryers Road,  
Auckland, 1730, New Zealand  
P +64 9 272 2730 F +64 9 272 2733  
information@mirotone.co.nz

**Mirotone (Thailand) Co., Ltd**  
83 Moo 4, Poochaosamingprai Rd,  
Samrong Klang, Prapradaeng,  
Samutprakam, 10130, Thailand  
P +66 2 754 4451 F +66 2 754 4450

[www.mirotone.com](http://www.mirotone.com)