



# MIROTONE

Leading the way in coating systems since 1938

Mirotone (NZ) limited  
32 Cryers Road  
East Tamaki  
Auckland 2013  
Phone 0800 34 64 74  
Fax 0800 34 64 34  
orders@mirotone.co.nz  
www.mirotone.com

## MIROTHANE PU 5608 Pigmented Topcoat

## Technical Data Sheet

MIROTHANE PU 5608 is an economical, user-friendly two pack pigmented polyurethane topcoat for quality furniture and fittings.

### Product Advantages

- Excellent flow, high build and quick drying
- Economical, cost effective furniture grade polyurethane

### Typical Applications

Domestic furniture, commercial joinery, kitchen and bathroom cabinetry. Interior use only.

### Product Properties

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

### Typical Properties

Colour:	White, full colour range
Gloss:	Matt, Satin & Semi-gloss

**Coverage:** 6-7 m2 per litre at 150 micron wet film build. This is dependent on the application equipment / gun set up and the article being coated.

### Mixing ratio (by volume):

4 Parts 5608 Part A + 1 Part 5747 Part B (4A:1B) or  
8 Parts 5608 Part A + 1 Part 5728, 5735, 5757 (8A:1B)

**Pot Life:** 6-8 hours at 25°C

*Pot life varies significantly with ambient temperature, humidity, quantity mixed and PU Hardener selected. Pot life is longer at lower temperatures and shorter at higher temperatures. The larger the quantity mixed, the shorter the pot life will be. Only mix the quantity required for the job.*

**Thinning:** Thin 20-40% with MIROSOL 1280 (fast), 1265 (medium), 1266 (slow)

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

**Wet Film Thickness (WFT):** 150-175 microns per coat

**Application Methods:**

Suction Gun:	Use 1.5 to 2mm (59-79 thou) orifice with 350-400kpa (50-55psi).
Pressure Pot:	Use 1.5 to 2mm (59-79 thou) orifice with pressure pot air-cap. Gun pressure 350-400kpa (50-55psi) and a pot pressure of 45kpa (6psi) max.
Airless Spray:	Use 0.23 to 0.33mm (9-13 thou) orifice, 15cm fan (dependant on job) with regulated pump pressure of 350-400kpa (50-55psi).
Air Mix Gun:	Settings similar to airless spray with air-assisted regulator pressure set at 70-90kpa (10-15psi).

<b>Drying:</b>	Dust Free:	8-10 minutes
	Touch Dry:	10-20 minutes
	Sanding:	1-2 hours
	Recoat:	Within 24 hours of sanding
	Block Stacking:	24 hours

*Temperatures below 10-15°C will retard the curing reaction of the product. Drying time is also affected by wet film thickness, the lower the WFT the slower the rate of reaction and the longer the cure time.*

**Recommended Undercoat:** MIROTHANE PU 5626 Polyurethane Undercoat

**Application Equipment Clean Up:** Clean all equipment using MIROSOL 1215 or 1217

**Shelf Life:** MIROTHANE PU Part A – 18 months  
MIROTHANE PU Part B – 12 months

**Packaging:** MIROTHANE PU Part A – 1, 4, and 16 litres  
MIROTHANE PU Part B – 1 and 4 litres

**Refer to the MIROTHANE PU Product Information Guide for more information.**

**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.