



### MIROTHANE PU 5610 Pigmented Topcoat

MIROTHANE PU 5610 is a high performance, two pack, acrylic modified polyurethane coating.

#### Product Advantages

- Outstanding durability, gloss and colour retention
- Excellent opacity, achieve a high gloss finish with minimal coats

#### Typical Applications

Petrochemical industry, road tankers, tank farms, marine environment, concrete mixing bowls, multi storey buildings & structures, mining industry.

#### Product Properties

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

#### Typical Properties

Colour:	White & tinted colours
Gloss:	Satin & Full Gloss

**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.

**Mixing Ratio (by volume):** 4 Parts 5610 Part A + 1 Part 5789 Part B (4A: 1B)

**Pot Life:** Up to 10 hours

*Pot life varies significantly with ambient temperature, humidity and the quantity mixed. 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:** 25-40% with MIROSOL 1260 Thinner (Slow).

**Application Viscosity:** 17-25 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

Air Mix Guns: pump pressure of 350-400kpa (50-55 psi).  
Settings similar to airless spray with the air-assisted regulator pressure at 70-90kpa (10-15psi).

**Drying:** Dust Free: 25-30 minutes  
Touch Dry: 40-50 minutes  
Sanding: Overnight  
Topcoat: Within 24 hours of sanding  
Block Stacking: 24 hours

*Temperatures below 16°C will retard the curing reaction of the product. Drying time is also affected by wet film thickness, the higher the WFT the slower the rate of reaction and the longer the dry time.*

**Recommended Undercoats:** MIROKEY 6615 for aluminium, zinc and steel where a fast recoat is required  
MIROTHANE PU 5629, 5626, 5631 or MIROPOL PE 5110, 5111 - interior

**Application Equipment Clean Up:** Clean all equipment using MIROSOL 1222 Thinner.

**Shelf Life:** MIROTHANE PU Part A – 18 months.

**Packaging:** 1, 4 & 16L.

### 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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