



MIROTHANE PU 5640 2K Metallic / Pearlescent Tint Base

MIROTHANE PU 5640 is a fast drying, two pack polyurethane metallic / pearlescent tint base.

Product Advantages

- Fast drying
- Easy to apply
- Excellent adhesion to MDF, LPM and glass (when cleaned with MIROLOK 3508 Glass Clean & Prime)
- Metallic available in Medium (3940) or Coarse (3944)
- Pearlescent available in Fine (3950) or Coarse (3957)

Typical Applications

Kitchen and bathroom cabinets, wall panelling, commercial furniture and fit-outs, glass splashbacks, glass furniture, metal furniture and automotive.

Product Properties

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

Typical Properties

Colour:	Standard colour range
	Available in medium and coarse metallic pigment & fine and coarse pearlescent.

Coverage: 13 m² per litre at 75 micron wet film build. This is dependent on the application equipment / gun set up and the article being coated.

Mixing Ratio (by volume):

10 Parts 5640 Part A + 1 Part 5789 (10A:1B)

Pot Life: 4 hours at 25°C

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: Thin 50-70% with MIROSOL 1232, 1224, 1217 (Fast)

Application Viscosity: 15-18 seconds BS4 Flow Cup at 25°C.

Wet Film Thickness (WFT): 50-100 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).

An even application technique is essential to achieve a consistent result. Apply in a two or three pass cross-hatch application method to achieve a consistent wet film thickness and full opacity.

Drying: Recoat: 2 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 Topcoats: MIROBILD AC 3606 or 3646 Clear Topcoat, MIROTHANE PU 5555 Clear Topcoat or MIROTHANE PU 5577 Sun-Shield.

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

Shelf Life: 24 months

Packaging: MIROTHANE PU Part A – 1 to 16 litres

Refer to the MIROTHANE PU & Specialty Effects Product Information Guides 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.

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