

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). |

| | | |
|----------------|-----------------|----------------------------|
| Drying: | 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.