MIROTHANE PU 5588 Clear Topcoat

MIROTHANE PU 5588 is an economical, easy to apply, clear polyurethane topcoat. Excellent flow and quick drying ensures an excellent finish and increased throughput.

Product Advantages

- Can be applied over a range of sealers including MIROCAT PC 3241 and 3242 precat sealers and MIROTHANE PU 5533 and 5545 polyurethane.
- Excellent flow and levelling
- Economical, a cost effective furniture grade polyurethane topcoat.

Typical Applications

Interior use only. Domestic furniture, commercial joinery and kitchen cabinets.

Product Properties

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

Typical Properties appears as a column header above Colour/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 5588 Part A + 1 Part 5747 Part B (4A:1B) or
10 Parts 5588 Part A + 1 Part 5728, 5735 or 5757 (10A:1B)

Pot Life: 4-6 hours at 25°C

Pot life varies significantly with ambient temperature, humdity 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 20-40% with MIROSOL 1217 (Fast), 1263 (Medium), 1266 (Slow)

Application Viscosity: 28 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 (50-55 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).

Drying:

Dust Free:	8-10 minutes
Touch Dry:	10-20 minutes
Sanding:	1-2 hours
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 lower the WFT the slower the rate of reaction and the longer the dry time.

Recommended Sealers:
MIROTHANE PU 5533 Clear Polyurethane Sealer
MIROTHANE PU 5545 Clear Polyurethane Sealer
MIROCAT PC 3241, 3242 or 3244 Clear Precat Sealers
MIROTHANE PU 5588 may be used as its own sealer

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

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

Packaging:
MIROTHANE PU Part A – 20 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.