



MIROTHANE PU 5533 Clear Sealer

MIROTHANE PU 5533 is a user friendly, two pack clear, polyurethane sealer that provides an excellent sanding base for clear polyurethane topcoats. Fast drying, with excellent free sanding means reduced time between coats.

Product Advantages

- Easy sanding ensures reduced time to sand and the best possible surface for top coating.
- Excellent flow and levelling.
- Economical, a furniture grade polyurethane sealer that results in a quality finish when used with MIROTHANE PU 5588 Clear Topcoat.

Typical Applications

Interior use only for example domestic furniture, commercial joinery, kitchen cabinets.

Product Properties

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

Typical Properties

Colour:	Milky in can dries clear
Gloss:	N/A

Coverage: 8 m² per litre at 125 micron wet film build. This is dependent on the application equipment / gun set up and the article being coated.

Mixing Ratio (by volume):

Standard Economical Mix

4 Parts 5533 Part A + 1 Part 5747 Part B (4A:1B) or
10 Parts 5533 Part A + 1 Part 5715, 5728, 5735 or 5757 (10A:1B)

Best Hardness, Build & Chemical Resistance

5 Parts 5533 Part A + 1 Part 5715, 5728, 5735 or 5757 (5A:1B)

Pot Life: 2-3 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 10-20% (when thinning 4:1, and 40-60% when thinning 10:1 mix) with MIROSOL 1217 (Fast), 1263, 1265 (Medium), 1266 or 1218 (Slow)

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

Wet Film Thickness (WFT): 100-125 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 minutes
Touch Dry: 15 minutes
Sanding: 1 hour
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 Topcoats: MIROCAT PC 3220 Clear Pre Catalysed Topcoat
MIROTHANE PU 5588 Clear Polyurethane Topcoat
MIROTHANE PU 5555 Clear Polyurethane Topcoat

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.

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