



### MIROTHANE PU 5535 Clear Sealer

MIROTHANE PU 5535 is an isocyanate cured, two pack, clear, polyurethane sanding sealer typically used under MIROPOL PE 5007 High Gloss Clear Top Coat on timber, veneer or foil covered MDF board to provide a high-gloss, wet look finish.

#### Product Advantages

- Fast drying and easy sanding.
- Excellent flow and levelling.
- Highlights the grain and colour of Rimu.
- Can be used under any Mirotone Clear Top Coat.

#### Typical Applications

Interior use only for example solid and veneer timber fixtures and furniture including restaurant, bar and hotel furniture, piano's and caskets.

#### Product Properties

Build:	Very Good
Sandability:	Very Good
Vertical Hold Up:	Excellent
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:** 6-7 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):

2 Parts 5535 Part A + 1 Part 5730 Part B (2A:1B)

**Pot Life:** 3-4 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:** Not normally required but can be thinned up to 5% with MIROSOL 1217 Fast Thinners if required.

**Application Viscosity:** 30-40 seconds through a BS4 Flow Cup at 25°C.

**Wet Film Thickness (WFT):** 100-150 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 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).

<b>Drying:</b>	Tack Free:	15 minutes
	Dry to Sand:	30 minutes
	Topcoat:	Within 24 hours of sanding
	Full cure:	7 days

*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.*

<b>Recommended Topcoats:</b>	MIROCAT PC 3220 Clear Topcoat
	MIROTHANE PU 5007 High Gloss Clear Topcoat
	MIROTHANE PU 5555 Clear Polyurethane Topcoat

**Application Equipment Clean Up:** Clean all equipment using MIROSOL 1215 Thinner

<b>Shelf Life:</b>	MIROTHANE PU Part A – 12 months
	MIROTHANE PU Part B – 12 months

**Packaging:** MIROTHANE PU Part A – 1, 4 & 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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