



MIROPOL PE 5007 High Gloss Clear Topcoat

A high build, isocyanate free, two pack polyester, clear coating. MIROPOL 5007 Clear has a very hard, high gloss clear topcoat finish to provide a "glass like" appearance. MIROPOL 5007 Clear can be applied to both natural timber substrates or foil covered MDF board. For interior use only.

Product Advantages

High build. Very high gloss.

Typical Applications

Solid and Veneer Timber Fixtures and Furniture. Restaurant, Bar and Hotel Furniture. Piano's. Funeral Caskets. Shop Fittings.

Product Properties

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

Typical Properties

Colour:	Clear
Gloss:	Full Gloss

Coverage:

8 square metres per litre when thinned correctly and applied to a properly prepared and sealed substrate.

Mixing Ratio:

Mix 1 parts by volume MIROPOL 5007 Clear Topcoat to 1 part by volume MIROPOL 5007 "B" Solution and stir thoroughly.

Pot Life: 2-3 hrs (mix only small quantities at any one time).

Thinning:

Not required as MIROPOL 5007 Clear is supplied ready for use. If required use MIROSOL 1234 Ultra Fast Thinner sparingly.

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).

Drying:

Tack Free:	4 hours
Dry to Sand:	8-12 hours
Overcoating time:	8-12 hours
Full cure:	3 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.

Recommended Sealers: MIROLAC Special Hibild Sealer or
MIROTHANE PU 5535 Clear Polyurethane Sealer

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

Shelf Life: MIROTHANE PU Part A – 3-6 months in tightly sealed containers.
MIROTHANE PU Part B – 12 months

Packaging: MIROTHANE PU Part A – 20 litres

Refer to the MIROPOL PE 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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