



MIROTONE

Leading the way in coating systems since 1938

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MIROCAT PC 3210 Clear Topcoat

Technical Data Sheet

MIROCAT PC 3210 is a user friendly, single pack, pre-catalysed clear lacquer for fixture and furniture finishing. MIROCAT PC 3210 is economical, easy to use and results in a high build finish, with excellent surface hardness, minimal bubbling and excellent flow.

Product Advantages

- Easy to use, achieve an excellent finish with minimal effort.
- Ready For Use (RFU), no thinning required, apply directly from the can.
- Good clarity, provide good grain definition and depth of colour.
- Excellent flow and levelling results in a smooth even finish.

Typical Applications

Interior use only. Ideal for domestic furniture, children's toys and furniture, picture frames, musical instruments, joinery and antique restoration.

Product Properties

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

Typical Properties

Colour:	Clear
Gloss:	30% and 60%

Coverage: 6 m² per litre at 150 micron wet film build. This is dependent on the application equipment / gun set up and the article being coated.

Thinning: Thin up to 10% with MIROSOL 1222 or 1220 (Fast), 1294 (Medium), 1242 (Slow)

Application Viscosity: 40-48 seconds BS4 Flow Cup at 25°C.

Wet Film Thickness (WFT): 150-250 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: 10-15 minutes
Touch Dry: 15-30 minutes
Sanding: 2-3 hours
Topcoat: Within 24 hours of sanding
Block Stacking: 24 hours

Low temperatures and heavy film thickness will retard drying times.

Recommended Sealers: MIROCAT PC 3241 Clear Sealer
MIROCAT PC 3242 Clear Sealer
MIROCAT PC 3244 Clear Sealer
MIROTHANE PU 5545 Clear Sealer

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

Shelf Life: 24 months

Packaging: 20 litres

Refer to the MIROCAT PC 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.