



MIROTONE

Leading the way in coating systems since 1938

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MIROCAT PC 3242 Clear Sealer & Black Undercoat Technical Data Sheet

MIROCAT PC 3242 is a high performance, single pack, pre-catalysed sanding sealer that provides an excellent base for a range of Mirotone topcoats. The rapid drying time and excellent free sanding ensure reduced down time between coats.

Product Advantages

- High build provides improved hold up and reduces the number of coats required.
- Easy to use, achieve an excellent finish with minimal effort.
- Isolates waxes in medium density fibreboard (MDF) reducing wax extraction.
- Fast drying allows early sanding which minimises production time.
- May be tinted to a black undercoat.

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:	Very Good
Solvent Resistance:	Good
Water Resistance:	Good
Levelling & Flow:	Excellent
Sink Back:	Minimal

Typical Properties

Colour:	Turbid in can, dries clear
Gloss:	N/A

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 10-20% with MIROSOL 1222 or 1220 (Fast), 1294 (Medium), 1242 (Slow)

Application Viscosity: 30-50 seconds BS4 Flow Cup at 25°C.

Wet Film Thickness (WFT): 150-200 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: 8-12 minutes
Touch Dry: 10-20 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 Topcoats: MIROCAT PC 3210 Clear Topcoat
MIROCAT PC 3220 Clear Topcoat
MIROTHANE PU 5588 Clear Topcoat

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

Shelf Life: 24 months

Packaging: 4 litres, 20 litres and 205 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.