

MIROCAT PC 3244 Clear Sealer

MIROCAT PC 3244 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.
- May be catalysed with MIROBILD AC 3800 Universal catalyst to improve chemical resistance when using as a sealer under acid catalysed and polyurethane topcoats.
- Fast drying allows early sanding which minimises production time.

Typical Applications

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

When catalysed and top coated with MIROBILD AC topcoats or MIROTHANE PU 5588 Clear Topcoat may be used on kitchen cabinets and commercial furniture.

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:	Milky 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.

Mixing Ratio (by volume):

To improve the water and chemical resistance of the coating system, add 20ml of MIROBILD AC 3800 Catalyst to every litre of MIROCAT PC 3244 and then add thinner.

Apply catalysed coating within two days of adding catalyst.

Pot Life: 2 days 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 15-30% with MIROSOL 1222 or 1220 (Fast), 1294 (Medium), 1242 (Slow)

Application Viscosity: 50-60 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:	5-8 minutes
	Touch Dry:	8-10 minutes
	Sanding:	30-60 minutes
	Topcoat:	Within 24 hours of sanding
	Block Stacking:	24 hours

Low temperatures and heavy wet film thickness will retard drying times.

Recommended Topcoats:

- MIROCAT PC 3210 Clear Topcoat
- MIROCAT PC 3220 Clear Topcoat
- MIROBILD AC 3606 Clear Topcoat
- MIROBILD AC 3646 Clear Topcoat
- MIROBILD AC 3680 Clear Topcoat
- MIROTHANE PU 5588 Clear Topcoat

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

Shelf Life: 36 months

Packaging: 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.

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