



MIROTONE

Leading the way in coating systems since 1938

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MIROLAC NC 3130 Pigmented Undercoat

Technical Data Sheet

MIROLAC NC 3130 is a user friendly, single pack, pigmented undercoat for internal wood and medium density fireboard (MDF). It is fast drying with excellent sanding properties.

Product Advantages

- Easy to sand, powders easily reducing sanding time.
- Fast drying enables increased production throughput
- Minimises the risk of wax extraction when applied over MDF and HDF.
- Single pack, no pot life issues to manage
- Formaldehyde free, safer for the applicator, zero formaldehyde emissions in rooms in which articles are installed.
- Use up left over MIROLAC NC 3150 topcoat by adding to MIROLAC NC 3130 to create your own tinted undercoats.

Typical Applications

Interior use only. Ideal for domestic furniture, internal doors, children's toys and furniture and built in wardrobes.

Product Properties

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

Typical Properties

Colour:	White, may be tinted
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 25-40% with MIROSOL 1222 or 1220 (Fast), 1294 (Medium), 1242 (Slow)

Application Viscosity: 45-55 seconds 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

Air Mix Guns: pump pressure of 350-400kpa (50-55 psi).
Settings similar to airless spray with the air-assisted regulator pressure at 70-90kpa (10-15psi).

Drying: Dust Free: 5-10 minutes
Touch Dry: 10-15 minutes
Sanding: 30-60 minutes
Topcoat: Within 24 hours of sanding
Block Stacking: 24 hours

Low temperatures and heavy film thickness will retard drying times.

Recommended Topcoats: MIROLAC NC 3150 Pigmented Nitrocellulose Topcoat

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

Shelf Life: 24 months

Packaging: 20 litres

Refer to the MIROLAC NC 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.