



MIROTONE

Leading the way in coating systems since 1938

Mirotone Pty Ltd
ABN 40 000 041 136
21 Marigold Street,
Revesby NSW 2212 Australia
P +61 2 9795 3700
F +61 2 9771 3601
sales@mirotone.com.au
www.mirotone.com

MIROTHANE PU 5600 Pigmented Undercoat

Technical Data Sheet

MIROTHANE PU 5600 is a user friendly, two pack pigmented, polyurethane undercoat that provides an excellent base of polyurethane topcoats. Fast drying and high build ensures excellent productivity for the user.

Product Advantages

- High build enhances the finished appearance of the topcoat.
- Easy to sand, results in minimal sanding time.
- Use up left over MIROTHANE PU 5650 topcoat by adding it to MIROTHANE PU 5600 undercoat to create your own tinted undercoat.
- Maybe topcoated with MIROTHANE PU polyurethane and MIROBILD AC acid catalysed topcoats.

Typical Applications

Interior use only for example interior doors, kitchen & bathroom cabinets, commercial joinery and wall panelling and domestic furniture.

Product Properties

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

Typical Properties

Colour:	White
Gloss:	N/A

Coverage: 6-7 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):

2 Parts 5600 Part A + 1 Part 5747 Part B (2A:1B) or

4 Parts 5600 Part A + 1 Part 5728, 5735 or 5757 (4 A:1B)

Pot Life: 1-2 hours 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 up to 50% with MIROSOL 1217 (Fast), 1263 (Medium), 1266 (Slow)

Application Viscosity: 20-30 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: 10-20 minutes
Touch Dry: 30-40 minutes
Sanding: 3 hours
Topcoat: Within 24 hours of sanding
Block Stacking: 24 hours

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 Topcoats: MIROBILD AC 3770
MIROTHANE PU 5605 or 5650

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

Shelf Life: MIROTHANE PU Part A – 12 months
MIROTHANE PU Part B – 12 months

Packaging: MIROTHANE PU Part A – Available in 4 & 16 litres

Refer to the MIROTHANE PU 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.