



MIROTEC WB 8060 Clear Water Based Topcoat

MIROTEC WB 8060 is a clear, single pack, water based topcoat. It is easy to apply and low yellowing.

Product Advantages

- Single pack, no pot life issues to manage and less waste of product.
- Water white and low yellowing, it is ideal for use over blonde timbers and liming stains.
- Higher solids content than clear nitrocellulose and precatylised lacquers with similar chemical resistance to clear precatylised lacquers.
- Low VOC (solvent content), non-flammable, low odour, safer for workers and the environment.
- Formaldehyde free, zero formaldehyde emissions in rooms in which coated articles are installed or used.
- Isocyanate free, does not require air assisted face masks or other respiratory personal protective equipment for application.
- Pthalate free, it is ideal for children's toys.
- Complies with the Green Building Council Australia: Green Star – Office Design v3 & Office As Built, Table IEQ-13.1 Maximum TVOC Content Limits for Paints, Varnishes and Protective Coatings.
- MIROTEC WB 8060 is classified as a Group 1 material (In accordance with Specification A2.4 of the Building Code of Australia). (Average specific extinction area: 139.1 m²/kg. Refer to Specification C1.10 section 4(c) of the Building Code of Australia.

Typical Applications

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

Product Properties

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

Typical Properties

Colour:	Water white
Gloss:	Matt, Satin, Semi Gloss (Full Gloss made to order min order 200L)

Coverage: 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.

Thinning: Thin 10-15% with water depending upon application requirements.

In cold conditions or when a faster dry time is required, MIROSTAIN 2101 Clear Tint Base (CTB) may be used to thin MIROTEC WB 8060.

Note: only thin the volume of MIROTEC WB 8060 required for the job at hand. Once thinned the viscosity will continue to fall during the next 24 hours. If the application viscosity is too low, mix with some unthinned MIROTEC WB 8060 to bring the viscosity back up to the target.

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

Wet Film Thickness (WFT): 125-150 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 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: 15 - 20 minutes
Touch Dry: 30 minutes
Sanding: 1.5 - 2 hours
Topcoat: Within 24 hours of sanding
Block Stacking: 24 hours

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

Recommended Sealer: MIROTEC WB 8022 Clear Water Based Sealer
MIROTEC WB 8060 Clear Water Based Topcoat (used as its own sealer)

Application Equipment Clean Up: Clean all equipment with water following use.

For more effective cleaning e.g. when coating has started to dry, use MIROTEC WB 1390 Equipment Wash followed by a rinse with water.

Note: When changing from solvent based coatings to water based coatings, ensure application equipment and coating lines are first flushed with MIROSOL 1208 or acetone and then flush equipment with water. When changing from water based coatings to solvent based coatings flush first with water and then with MIROSOL 1208 or acetone.

Shelf Life: 24 months

Packaging: 20 litres

Refer to the MIROTEC WB 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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