



MIROTEC WB 8022 Clear Water Based Sealer

MIROTEC WB 8022 is a clear, single pack, water based sealer. It is easy to apply, low yellowing and easy to sand.

Product Advantages

- Single pack, no pot life issues to manage and less waste of product.
- Easy to sand, powders easily ensuring the quickest time to sand.
- Water white and low yellowing, it is ideal for use over blonde timbers and liming stains.
- Good build, to further minimise the risk of sink back and tannin bleed, apply MIROTHANE PU 5500 Clear Isolator as a first coat on bare wood.
- 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.

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:	N/A

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: Supplied ready for use (RFU). However if required, it may be thinned with up to 5% water depending upon application requirements.

Note: only thin the volume of MIROTEC WB 8022 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 8022 to bring the viscosity back up to the target.

Application Viscosity: 45-50 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 Topcoats: MIROTEC WB 8060 Clear Water Based Topcoat
MIROTEC WB 8052 Clear Polyurethane Topcoat

For harsh environments e.g. bar and table tops, bathroom vanities and commercial, Mirotone recommends the use of MIROTEC WB 8052 Clear Polyurethane Topcoat.

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: 5 litres and 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.

Mirotone Pty Ltd Australia (Head Office)
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

Mirotone (NZ) Ltd New Zealand (Head Office)
32 Cryers Road,
Auckland, 1730, New Zealand
P +64 9 272 2730 F +64 9 272 2733
information@mirotone.co.nz

Mirotone (Thailand) Co., Ltd
83 Moo 4, Poochaosamingprai Rd,
Samrong Klang, Prapradaeng,
Samutprakam, 10130, Thailand
P +66 2 754 4451 F +66 2 754 4450

www.mirotone.com