



MIROTEC WB 8126 Pigmented Water Based Undercoat

MIROTEC WB 8126 is a pigmented, water based, single pack undercoat that may be applied by spray, it is especially suited for automatic lines.

Product Advantages

- Single pack, no pot life issues to manage and less waste of product.
- Excellent sanding, powders easily
- Low VOC (solvent content), non-flammable, low odour, safer for workers and the environment.
- 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.
- Mould resistant, contains fungal biocides for in can stability and protection against discolouration from fungal / mould stains once applied.

Typical Applications

Interior use only: MDF skirtings & architraves, domestic furniture, internal doors, wall panelling and interior wooden articles such as picture frames and musical instruments.

Product Properties

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

Typical Properties

Colour: White

Coverage: 10 m² per litre at 100 micron wet film build. This is dependent on the application equipment / gun set up and the article being coated.

Thinning: Thin up to 15% with water depending upon application requirements.

Application Viscosity: 30 - 45 seconds BS4 Flow Cup at 25°C.

Wet Film Thickness (WFT): 80-120 microns per coat.

Application Methods:

Curtain coater, Vacuum coater, automatic spray, hand spray

Drying:

Dust Free: 8-12 minutes
Touch Dry: 10-15 minutes
Sanding: 30-40 minutes
Topcoat: Within 24 hrs of sanding
Block Stacking: 24 hours

Force Dry:

Flash Off – 5 minutes @ 70°C
Force Dry – 90 seconds @ 120°C
Cool Down – Until tack free

Minimum Film Forming Temperature (M.F.F.T) is 15°C, do not apply below this temperature unless you are able to force dry. Application below this temperature will result in poor film formation and a powdery cracked film that will need to be removed and recoated.

Recommended Topcoats: Most commonly used solvent and water based topcoats

A test patch must be evaluated prior to topcoating to ensure system compatibility.

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: 12 months

Packaging: 20 & 1000 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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