

Robust, non solvent, water-based high build acrylic clear coat with a voc level well below the 2005 Montreal Protocol Guidelines

SELECTION DATA

Type	A premium quality High Build Acrylic Clear Coat in matt, gloss and tinted options for photo frames, table tops etc.
Recommended Uses	For internal application on wood, wood chipboard, hard board, MDF, plywood etc.
Not Recommended For	Exterior use
Approval	Independently tested in a weather-o-meter
Chemical Resistance	Good resistance to household chemicals, non-alcoholic beverages, red wine, white wine, beer, powder coffee, black tea, blackcurrant, juice, condensed milk, butter, olive oil, mustard, common salt onions, acetic acid, and citric acid
Thermal Resistance	Spread of Flame Index (SFI) 8 Smoke Developed index (SDI) 4 Continuous surface: 100°C Non-continuous: 150°C
Compatible Coatings	n/a
Solids	40% +/- 1%
VOC	120 - 150g per ltr
Specific Gravity	1.05 +/- 0.05
Recommended Dry Film Thickness (per coat)	50 microns per coat
Coverage	10 - 12 sqm/ltr
Dry Time (@18°C)	15 mins Recoat: 30 mins Drying time may vary according to atmospheric conditions
Shelf Life	1 year if kept sealed and under cover in cool, dry environment Do not allow to freeze
Transportation	Not classified as a dangerous good, safe to transport by land, sea or air using standard best practice precautions
Pack Size	10 ltrs
Colour	Either clear or standard architectural colour range. Available in matt, satin, semi gloss, gloss

APPLICATION

Key Advantages	<p>Non-hazardous to environment and the applicator</p> <p>Easy to apply</p> <p>No sealer required, can be applied directly to substrate</p> <p>Minimal grain lift</p> <p>Sands well, no clogging of paper</p> <p>Excellent edge build up</p> <p>Quick drying</p> <p>Non yellowing</p>
Safety	This product contains no solvents and is non-toxic, however it is recommended that a dust mask be used to protect from atomised material when spraying
Surface Preparation	Ensure the substrate is clean and free of loose material. On new wood, it is recommended to sand with 220 grit paper to achieve a high grade finish
Conditions	Do not apply in temperatures below 5°C or above 50°C
Spray: Conventional/HVCP	<p>Use approx 0.9 to 1.2mm fluid tip and appropriate aircap for clear lacquer</p> <p>Coloured lacquers use approx 1.0 to 1.4mm fluid tip and appropriate air cap</p> <p>It should be held approximately 30 to 35 cms at right angles to the surface</p>
Airless	<p>Tip Size: 0.009 - 0.013"</p> <p>Output PSI: 1800 - 2300</p> <p>Filter Size: 100 mesh</p>
Brush/Roller	<p>Brushing is only recommended to touch up small areas</p> <p>Apply with small strokes, using a natural bristle brush</p> <p>Use a short-nap mohair roller for roller application</p>