



MIROPOL Polyester (PE) Coatings

Features & Benefits	Disadvantages
Application Issues	
Typically sold as a three component clear sealer or white undercoat. Very high build and very short pot life.	Requires operators to mix Part A + Part B + Part C + Thinners in the correct ratio therefore increased education and skill level of applicator is required.
Very high film builds are achievable in a single coat.	Incorrect mixing of cobalt accelerator with peroxide hardener will cause a violent reaction.
	Pot life is very short: Typically, less than one hour.
	Coating waste will result is all catalysed (mixed Part A+B+C) coating is not consumed within which the coating must be used before the viscosity of the coating increases to the point where it can no longer be applied.
	Cannot be applied over dye based stains because the peroxide hardener will bleach the stain. Barrier Coat required.
Visual Appearance	
Excellent base coat for high gloss PU topcoats.	Not commonly sold as a topcoat.
Very high build (higher than PU) facilitates achievement of a full (closed pore) finish.	
Typically, easy to sand.	
In Service Performance	
	Clear coating systems are more prone than PU to white marking after sharp impact, especially over dark wood or dark base stains. Can cause "greening ins some species".
	Typically, harder but not as flexible as PU's.
Typical Applications	
As a sealer or undercoat under high gloss topcoat.	Tables and other furniture in commercial environments.
As a sealer or undercoat where high build is required in minimum number of coats for a full (closed pore) finish.	Kitchens.
Where a high build hard finish is required to help improve hardness of the overall coating film (e.g. student desk tops)	Application to MDF to provide a good based coat.



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For further information contact your friendly Mirotone representative or visit:

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@mirotone_australia