



MIROLAC Nitrocellulose (NC) Coatings

Features & Benefits	Disadvantages
Application Issues	
Single pack, no mixing, no pot life issues & easy to apply.	In cold temperatures with high humidity the typically fast solvents may be prone to “chilling” or “blushing”. – Refer to Problem Solving Guide
Quick drying lacquer means: <ul style="list-style-type: none"> • Good hold-up (minimal sags or runs) achievable on vertical surfaces • Short time before sealers or undercoats can be sanded – quick turnaround 	Unmodified, single pack NC coatings may cause problems with wax extraction on MDF thereby retarding the drying of the coating and cause patchy gloss level. Mirotone has modified NC coatings that have been specially formulated for use on MDF.
No formaldehyde release: not irritating to eyes, throat or nose of coating applicator or those working in close proximity to the coating drying area.	
Isocyanate free: No requirement for full face air assisted mask during & immediately after coating application.	
Excellent intercoat adhesion due to the re-softening of the previously applied coat.	
Visual Appearance	
Full range of gloss levels available from matt to full gloss.	Low build. The re-softening of the film with application of each subsequent coat makes it difficult to achieve very high gloss levels.
Smooth slip and feel is possible if coating is well formulated.	Pigmented (solid colour) Systems: Pigmented NC coatings (solid colour – not clear) present an increased potential to cracking on routed areas on MDF and on MDF edges. To minimise the risk, Mirotone has formulated specialised isolator base coats and flexible undercoats. Maximum gloss level achievable is typically less than 80%.
In Service Performance	
Easy to repair	Low chemical and water resistance.
	Relatively poor abrasion resistance.
	If poorly formulated, may be prone to water marking and “white marking” with hot objects (e.g. cups or tea or coffee).
Typical Applications	
Domestic furniture	Children’s toys and furniture
Chairs	Book cases and other occasional furniture (but not recommended for table tops, especially in high gloss levels).



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For further information contact your friendly Mirotone representative or visit:

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