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Australian Made**  
Supporting Australian Manufacturing

## MIROCAT Pre-catalysed (PC) Coatings

Features & Benefits	Disadvantages
<b>Application Issues</b>	
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 dry lacquer means <ul style="list-style-type: none"> <li>• Good hold-up (no sags or runs) achievable on vertical surfaces.</li> <li>• Short time before sealers or undercoats can be sanded – quick turnaround</li> </ul>	Unmodified, single pack PC coatings may cause problems with wax extraction on MDF thereby retarding the drying of the coating and cause patchy gloss level. Mirotone has specially modified PC coatings that have been formulated for application as a sealer on MDF (e.g. MIROCAT PC).
Isocyanate free: No requirement for full-face air assisted mask during & immediately after coating application.	<b>Pigmented (solid colour) Systems:</b> Without application of a proper isolator base coat &/or a very well formulated, flexible top coat, pigmented (solid colour – not clear) PC coatings are prone to cracking on routed areas on MDF and on MDF edges.
<b>Visual Appearance</b>	
Full range of gloss levels available from matt to full gloss.	Maximum gloss level achievable is typically less than 80%.
Smooth slip and feel is possible if coating is well formulated.	
<b>In Service Performance</b>	
Easy to repair	Low chemical and water resistance but superior to NC coatings.
	Relatively poor abrasion resistance but superior to NC coatings.
	If poorly formulated, may be prone to water marking, “white marking” with hot objects (e.g. cups of tea or coffee). Mirotone’s PC coatings have been formulated to minimise this possible effect.
<b>Typical Applications</b>	
Domestic furniture	Book cases and other occasional furniture (but not recommended for table tops, especially in high gloss levels).
Chairs	Ok for domestic dining room tables and occasional table tops provided the furniture is well cared for. Not recommended for kitchens or furniture destined for use in commercial establishments (hotel, offices, restaurants etc.).



**MIROTONE**

For further information contact your friendly Mirotone representative or visit:

**mirotone.com**

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