



# WOOD FINISHES DIRECT

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For purchasing information visit:

[Morrells Acid-Catalyst Basecoat \(5004/500\)](#)

# Product Data Sheet



## 5\*\*3/500 Range: High Performance Melamine Acid Catalyst Lacquer

Code	Description	Code	Description
5901/500	90% Sheen	5103/500	10% Sheen
5503/500	50% Sheen	5004/500	Basecoat/sealer
5403/500	40% Sheen	5CAT/200	Acid Catalyst (9:1)
5303/500	30% Sheen	Thinners	2007/900
5203/500	20% Sheen		

<b>Technical Data</b>	A high performance AC lacquer designed for incorporation into a mass balance system. For manual or automatic spray application.
<b>Properties</b>	Formulated to provide outstanding resistance to abrasion, wet and dry heat, spirit solutions and a wide range of household chemicals. Meets the requirements of BS (FIRA Std) 6250 for horizontal surfaces (excluding kitchen worktops) and rated as heavy/severe use. Lacquers of this type achieve their full resistance properties after 21 - 28 days drying, although careful use is possible before this period.
<b>Application Guidelines</b>	Catalyse 9 parts lacquer to 1 part 5CAT/200 by volume and mix well prior to use. The catalysed lacquer should ready for use (RFU) but can be thinned upto 5% by volume with the recommended thinner, 2007/900, if required. Under normal conditions these products will have a workable pot-life of 36 hours after catalysis.
<b>Typical Handling</b>	Touch Dry: 30 -35 mins @ 18°C Sandable: 1.5 hours @ 18°C – Use 320 or finer silicone carbide paper. Recoatible: 2 hours @ 18°C Packing time: Overnight minimum, dependent on conditions.
<b>Cleaning</b>	2007/100 should be used for equipment cleaning.
<b>Coverage</b>	Approximately 40m <sup>2</sup> per 5Lts dependent upon the size, orientation and surface quality of the item being coated.
<b>Tinting</b>	Not recommended – part of a mass balance system.
<b>System Guidelines</b>	Morrells recommends the following guidance for use of this product range:  <b>Typical Finish:</b> 2-3 coats at 75g/m <sup>2</sup> per coat (Dry Film Thickness ~ 35µ per coat), applied coat-on-coat or over the recommended sealer (5004/500)  Using these products in systems outside these guidelines can lead to immediate and latent problems with the integrity of the finish.



<b>Important Information</b>	<ul style="list-style-type: none"> <li>➤ Designed for spray application.</li> <li>➤ Excessive coating weights can lead to cracking or lifting.</li> <li>➤ Under catalysing or over catalysing can cause impairment of cure and cracking.</li> <li>➤ Leave adequate time between coats. Do not apply more than 3 coats in one day. Denib between coats to aid adhesion.</li> <li>➤ Do not overcoat with 1K or 2K Polyurethane (PU) products.</li> <li>➤ Morrells do not recommend the mixing of catalysed material with fresh material. Always catalyse enough product for the job.</li> <li>➤ Use only the recommended thinner. Use of non-recommended thinner can cause uneven/patchy drying.</li> <li>➤ Do not use over pigmented bases or with NC, Shellac or Precatalysed Sealers.</li> <li>➤ Some timbers (e.g. cherry, maple etc) are prone to discoloration or reddening when using acid catalyst lacquers.</li> <li>➤ Users should prepare a test panel prior to commencement and satisfy themselves that the specific system provides the appearance and level of performance appropriate for the end-use.</li> <li>➤ Douse all waste materials associated with this/these materials with water before disposal and avoid prolonged/excessive exposure to heat.</li> <li>➤ Store all waste materials in secure metal container outside, away from combustible materials overnight.</li> <li>➤ Product should be stored above 5°C and protected from frost.</li> <li>➤ Optimum application is achieved between 18°C and 22°C with good air movement and ventilation.</li> <li>➤ Finished products should not be subjected to environments with temperatures of &lt; 2°C.</li> <li>➤ Out of scope with 2004/42/EC.</li> </ul>
<b>Health &amp; Safety</b>	<p>Reference should be made to the appropriate MSDS for this product range, which can be found at <a href="http://www.morrells.co.uk">www.morrells.co.uk</a></p> <p>The use of appropriate personal protection equipment (PPE) is recommended.</p> <p>These products are intended for <b>professional use</b> only.</p>

The information provided on this information sheet is based on the best of our knowledge and experience, is given in good faith and should only be regarded as recommendations. No guarantee should be inferred and customers are advised to carry out their own tests under local conditions.

For further technical information contact our Technical Support Team on 0161 406 5300.

