

# Product Data Sheet



## 0170/000 – 0198/300 : Light Fast Stains

## 100/ - 110/ : Special Colour Light Fast Stains

Code	Description	Code	Description
0170/000	LF Thinners	0181/600	Repro. Mahogany
0171/000	Violet	0182/000	Golden Oak
0172/000	Black	0182/100	Light Oak
0174/000	Light Blue	0182/200	Medium Oak
0175/000	Red	0182/300	Dark Oak
0176/000	Blue	0182/400	Jacobean Oak
0177/000	Orange	0188/000	Teak
0178/000	Yellow	0190/000	Walnut
0180/001	New Green	0191/000	Yew
0181/000	Mahogany	0191/100	Antique Yew
0181/100	Natural Mahogany	0198/000	Antique Pine
0181/200	Brown Mahogany	0198/100	Honey Pine
0181/300	Dark Mahogany	0198/200	Victorian Pine
0181/400	Plum Mahogany	0198/300	Stripped Pine
0181/500	New Rosewood		

<b>Technical Data</b>	<p>A range of fast drying alcohol-based stains suitable for hand, spray or dip application and particularly suitable in the finishing systems used for wooden flooring and parquet.</p> <p>The standard range consists of popular primary colours and a selection of the most widely used wood colours.</p>
<b>Properties</b>	<p>Formulated to provide excellent definition and depth of colour. This range is also suitable for tinting Morrells Precatalyst and Acid Catalyst lacquers up to a maximum of 5% by volume (AC's should be catalysed prior to tinting).</p>
<b>Colour Matching</b>	<p>Morrells provides a bespoke colour matching service for this type of stain and all the other stains on our range.</p> <p>All requests for special colours should be accompanied by a sufficient quantity of the timber to be used for the actual job plus full details of application method and finishing system to be employed.</p> <p>Requests for special stains for flooring should be clearly indicated i.e. "For Flooring" or "For Flooring application". Failure to provide this information may lead to an inappropriate stain being supplied. Morrells will not accept liability for this omission.</p>
<b>Typical Handling</b>	<p>Drying/Recoat time: 15 - 30 minutes @ 18°C.</p> <p>For Flooring applications a minimum of 2 hours before applying sealers &amp; topcoats is recommended.</p> <p>Packing time: Overnight minimum dependent on conditions.</p>



Morrells Woodfinishes Ltd. Wellington Works, Mill Lane, Woodley, Stockport, Cheshire. SK6 1RN  
Tel: 08705 60 61 62 Fax: 08705 604 604 Email: enquiries@morrells.co.uk Web: www.morrells.co.uk

Registered Office: Morrells Woodfinishes Limited. Company no. 785935 VAT. Reg No GB 712 5048 66



<b>Cleaning</b>	0170/000 or Methylated Spirits (R034) should be used for equipment thinning and cleaning.
<b>Coverage</b>	Approximately 40 - 60m <sup>2</sup> per 5Lts dependent upon the size, orientation and surface quality of the item being coated.
<b>Application Guidelines</b>	<p><i>Substrate Preparation:</i> The substrate should be pre-sanded with 180 Grit paper prior to stain application to avoid problems such as patchy or uneven drying.</p> <p><i>Hand Staining:</i> Use a soft, white, lint-free cloth. Avoid using coloured or printed rags as the dyes used in printing can bleed into the stain and cause discolouration. Apply the stain wet to the whole surface to avoid uneven penetration and then remove excess with a clean cloth. For larger surfaces it may be appropriate to apply the stain in sections. Always work along the grain when cleaning off.</p> <p>For floors it may be appropriate to apply the stain by suitable pad type applicator in sections along the grain keeping a wet edge to allow seamless blending between sections and leaving a minimum of 2 hours to dry before applying sealers &amp; topcoats.</p> <p><i>Spray Application:</i> Spray apply an even wet coat and remove excess with a soft, white, lint-free cloth. When dry spraying ensure an even coat is applied and that the gun strokes follow the grain of the timber. Dry spraying needs a certain skill level, and if undertaken incorrectly can lead to patchiness and 'striping'. The wiping-off process can enhance the evenness of the colour and highlight the grain definition and the natural figuring of the substrate. Thinning with 50% 0170/000 –LF Thinners can assist in controlling the spray staining operation, but may change the tone or strength of shade.</p> <p><i>Dip Application:</i> Plunge or controlled dip can be undertaken and it is advisable to wipe excess stain off with a clean, white, lint-free cloth to achieve an even degree of staining.</p>
<b>Important Information</b>	<ul style="list-style-type: none"> <li>➤ Always order enough product from the same batch of material to complete the job, as natural batch to batch variance can occur.</li> <li>➤ Morrells Stain Ranges are manufactured on different dyestuffs to unique formulations and as a consequence are not designed to be an exact replication of each other.</li> <li>➤ If switching from one stain type to another always undertake a colour check prior to use.</li> <li>➤ Variances in timber can change the appearance of a stain – always prepare a test panel/area to approve the colour/finish on the actual timber being used.</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.

