





















# PROTEXT®

## PENETRATING MATT FINISH FOR WOOD

<b>Product description</b>	PROTEXT® is a water-based finish that penetrates and bonds with the wood to provide a flexible, long lasting, rich matt finish, which can be used on all woods inc exotic hardwoods. Enhancing the woods natural beauty PROTEXT® saturates, penetrates and stabilises the wood to minimise any cracking, warping and other damage caused by moisture and the suns UV rays.												
<b>Properties</b>	<ul style="list-style-type: none"> <li>• Saturates, penetrates and stabilises wood to minimise damage caused by moisture and sun.</li> <li>• Can be applied on new or weathered wood.</li> <li>• Provides a matt finish that accentuates the beauty of wood.</li> <li>• Premium UV absorbing transoxide pigments - Provides a long lasting finish.</li> <li>• Non film-forming - No peeling, No flaking.</li> <li>• Low odor; fast drying.</li> <li>• Easy application. Easy maintenance.</li> </ul>												
<b>Basic uses</b>	<ul style="list-style-type: none"> <li>• Exterior and interior use.</li> <li>• Exotic Hardwoods: Ipe, Mahogany, Teak, Cumaru, Bangkirai...</li> <li>• Sofwoods: Pine, Spruce, Cedar, Pressure treated woods...</li> <li>• Thermo heated wood and Broad leaved woods (Beech, Ash, Maple...).</li> <li>• Horizontal and vertical surfaces - Decks, cladding, fences, garden furniture...</li> </ul>												
<b>Technical data</b>	<p><b>Finish:</b> Matt.  <b>Vehicle type:</b> Acrylic/Alkyd.  <b>Solvent type:</b> Water.  <b>Specific gravity:</b> 1,01 ± 0,05.  <b>Physical state:</b> Liquid.  <b>Solid content:</b> 11% ± 2.  <b>Flash point:</b> Not classified as flammable.  <b>Shelf life:</b> 1 year minimum in original unopened packaging.  <b>Container size:</b> 2.5L, 5L, 20L.  <b>Colour:</b></p> <table border="0"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Honey</td> <td>Movingui</td> <td>Teak</td> <td>Padouk</td> <td>Grey</td> <td>Ebony</td> </tr> </table> <p><b>Dry time:</b> 4 hours depending on temperature and humidity. Decks subject to heavy traffic should be left up to 48 hours depending on temperature and humidity, before being put back in to full service.  <b>VOC:</b> EU limit value for this product (cat. A/f) 130 g/l (2010). This product contains max. 50 g/l.</p>							Honey	Movingui	Teak	Padouk	Grey	Ebony
													
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<b>Surface preparation</b>	<p><b>General Directions:</b></p> <ul style="list-style-type: none"> <li>• Surfaces must be thoroughly clean, dry and free of dirt, grease, grime, mildew and previous coatings.</li> <li>• Treat mildew with a 50/50 bleach/water solution. Scrub solution on to surface and allow to stand for 10-15 minutes; rinse thoroughly.</li> <li>• After cleaning and/or stripping, allow wood to dry 2-3 good drying days or until it has reached a moisture content of 18% or less before applying finish.</li> <li>• PROTEXT® can only be applied to bare wood surfaces or a weathered wood surface that was previously finished with PROTEXT®. ALL other finishes MUST be completely and thoroughly removed.</li> <li>• If necessary sand surface after cleaning and/or stripping (80 grit paper).</li> </ul> <p><b>New wood surfaces:</b>  Treat with PREPDECK®* diluted 1 to 4 with water, neutralise with NET-TROL®*, alternatively mechanically or manually abrade surface with 80 grit sandpaper. Clean off all loose wood particles. Test wood for absorbency by sprinkling water on the surface. If water is absorbed rapidly, the surface is ready for finishing. (New wood surfaces have a hard shiny surface called mill glaze that prevents maximum penetration and bonding of any finish; this should be removed prior to application in order to ensure maximum performance of the finish).</p> <p><b>Untreated weathered woods:</b>  Untreated wood surfaces that have weathered longer than 6 months should be thoroughly cleaned with undiluted NET-TROL®* to ensure that all loose wood fibres, dirt and other surface contaminants are removed.</p> <p><b>Previously treated surfaces (oiled):</b>  All oils or sealers must be completely and thoroughly removed with PREPDECK®* and the stripped surface neutralised with NET-TROL®* before applying PROTEXT®.</p> <p><b>Previously treated surfaces (paint, stain, varnish, waterproofer...):</b></p> <ul style="list-style-type: none"> <li>• All previous coatings must be completely and thoroughly removed with DILUNETT®*, PREPDECK®* or CDKP® 90* and the stripped surface neutralised with NET-TROL®* before applying PROTEXT®.</li> </ul> <p>Solvent (oil or alkyd based finishes): Strip with DILUNETT®*(1), neutralise with NET-TROL®*.  Acrylic finishes - Water-based: Strip with PREPDECK®*(1), neutralise with NET-TROL®*.  Other finishes i.e. 2 pack epoxies, urethanes,...: Strip with CDKP® 90* neutralise with NET-TROL®*.</p> <p>(1) For woods high in tannins please contact us for additional information and advice.</p> <p><b>NOTE:</b> Stripping with DILUNETT®* or PREPDECK®* may darken some woods (Cedar, Douglas Fir, Exotic Hardwoods...), neutralising with NET-TROL®* will restore the woods colour.</p>												

The information set out cons are purely illustrative and are not the responsibility of the manufacturer, the application of products not made under his supervision.

<b>Application tools</b>	<ul style="list-style-type: none"> <li>• Brush: High quality synthetic brush.</li> <li>• Roller: Synthetic woven cover.</li> <li>• Spray: Airless 35-65 bars (507-942 psi); HVLP 25-50 bars (362-725 psi); Low Pressure 0.55-0.70 bars (8-10 psi).</li> </ul>
<b>Good application practice</b>	<ul style="list-style-type: none"> <li>• Use as is, do not thin.</li> <li>• Mix thoroughly before and periodically during application.</li> <li>• For colour uniformity, mix all product together that is to be applied to any one area or section.</li> <li>• Cover everything you do not wish to coat, including plants and shrubs.</li> <li>• Apply between 10°C and 30°C.</li> <li>• Do not apply if cold and/or wet weather is expected within 24 hours.</li> <li>• Always work the entire length of a deck board or horizontal siding to a logical break, such as a window or door frame or end of a deck board.</li> <li>• Vertical siding should be coated from top to bottom.</li> <li>• Never stop application in the middle of the board or wall.</li> <li>• Never apply in direct sunlight or to hot surfaces.</li> <li>• Do not allow to dry between coats - apply PROTEXT® 'wet on wet'.</li> <li>• After spray application, always back-brush or back-roll to improve penetration and uniformity of coverage.</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Apply 2 even applications of PROTEXT® 'wet on wet'.</li> <li>• Apply a 1st liberal application of PROTEXT® and allow to penetrate into the wood.</li> <li>• Apply 2nd application as soon as the wet look of the 1st application has disappeared (normally 15-20 minutes) and allow to penetrate into the wood.</li> <li>• For very porous surfaces a 3rd application may be needed.</li> <li>• Brush out any puddles within 20 minutes of applying the last application to avoid PROTEXT® drying as shiny spots on the surface.</li> <li>• Do not allow PROTEXT® to become Touch Dry or Dry between applications.</li> <li>• PROTEXT®'s place is in the wood not on the surface. Do not create a film on the surface, as this will affect the coatings performance.</li> </ul>
<b>Coverage</b>	<ul style="list-style-type: none"> <li>• Initial: 5 m<sup>2</sup> per litre per 2 coats</li> <li>• Maintenance: 10 m<sup>2</sup> to 12 m<sup>2</sup> per litre.</li> <li>• Actual coverage will vary depending upon type, age and texture of the wood.</li> </ul>
<b>Maintenance</b>	<p><b>General Directions</b></p> <ul style="list-style-type: none"> <li>• Maintenance is due when the treated wood takes on a weathered grey look or has severely faded.</li> <li>• Severely faded or weathered areas that have turned grey should be cleaned with NET-TROL®*.</li> <li>• Surfaces with harsh exposures to the sun, weather or foot traffic will show wear more quickly than other areas. In these cases, clean affected areas with NET-TROL®* and re-apply PROTEXT® as directed under "Application" instructions above, blending into areas which still have good colour.</li> <li>• Areas retaining good colour do not need re-treating.</li> </ul> <p><b>Decks and other horizontal surfaces:</b></p> <ul style="list-style-type: none"> <li>• Most decks and horizontal surfaces do not need re-treating every year.</li> <li>• A single application of PROTEXT® every second year will be sufficient to refresh the natural beauty of the deck/horizontal surface and maintain protection. For very porous or badly weathered surfaces a 2nd application may be required; this should be applied as directed under "Application" instructions above.</li> <li>• Cleaning with NET-TROL®* once a year between treatments, to remove dirt and contamination will renew the appearance of the wood.</li> <li>• For general re-treating follow directions in "Surface Preparation" and "Application".</li> </ul> <p><b>Cladding and other vertical surfaces:</b></p> <ul style="list-style-type: none"> <li>• Cladding and vertical surfaces do not require annual maintenance.</li> <li>• When PROTEXT® shows signs of wear and weathering (turning grey) then a maintenance application is required. Clean surface with NET-TROL®* and re-treat with a single application of PROTEXT® according to "Application" instructions above, to replace material that has weathered out.</li> <li>• For very porous or badly weathered surfaces a 2nd application may be required; this should be applied as directed under "Application" instructions above.</li> </ul>
<b>Clean-up</b>	Soap and water.
<b>Storage</b>	Keep from freezing and high temperature.
<b>General Information</b>	<p>Every care is taken to ensure that the information provided in this technical data sheet is accurate. <b>OWATROL International</b> is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advise and information please contact our technical department by email at <a href="mailto:info@owatrol.com">info@owatrol.com</a> or the local OWATROL Agent for your country. The information above is correct at the date of issue.</p> <p>All other OWATROL products named in this document, should be used as per label instructions and technical data sheet.</p>
<b>Safety</b>	MSDS available at <a href="http://www.owatrol.com">www.owatrol.com</a> .
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\* Same manufacturer