



## TEAKPROTECT

### WATER BASED SATURATOR

<b>Description</b>	TEAKPROTECT is a penetrating wood finish that provides a flexible, long-lasting rich, matt finish for all woods. TEAKPROTECT saturates, penetrates and stabilises wood to minimise cracking, warping and other damage caused by moisture and sun.
<b>Properties</b>	<ul style="list-style-type: none"><li>• Non-film forming - Will not peel or flake.</li><li>• Apply to new or weathered wood.</li><li>• Provides a matt finish that accentuates the beauty of wood.</li><li>• Premium UV absorbing transoxide pigments - Provide a long lasting finish.</li><li>• Maintains the natural look of the wood and Cork.</li><li>• Allows Cork to breathe while protecting it from moisture.</li><li>• Easy maintenance - No sanding or stripping.</li></ul>
<b>Basic uses</b>	<ul style="list-style-type: none"><li>• Hardwoods: Exotic and broadleaved - Teak, Ipe, Bangkirai, Oak, Iroko/Azobe (see restrictions).</li><li>• Softwoods: Pine, Larch, Spruce, Cedar...</li><li>• Horizontal and vertical surfaces.</li><li>• Decks, Furniture, Pontoons, Walkways, Handrail...</li></ul>
<b>Technical data</b>	<p><b>Classification:</b> Family Class 1 4a/7b2 (NFT 36) <b>Finish:</b> Matt <b>Vehicle type:</b> Acrylic <b>Solvent type:</b> Water <b>Specific gravity at 20°C (68°F):</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>Drying times (at 20°C (68°F) &amp; 50% RH):</b> 4 hours depending temperature and humidity. <b>Commissioning time for Decks and Pontoons:</b> 48/72 hours depending on weather conditions. <b>Container size:</b> 1L. Larger sizes up to 20L available, contact us. <b>Colour(s):</b> Honey, Teak <b>Shelf life:</b> 1 year minimum in original unopened packaging. <b>VOC:</b> EU limit value for this product (cat A/f) 130 g/L (2010). This product contains max 47 g/L.</p>
<b>Application tools</b>	<p>Brush: Synthetic. Roller: Synthetic woven cover. 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).</p>
<b>Good application practice</b>	<p>Mix thoroughly before and periodically during application. Cover everything you do not wish to coat. Apply between 10°C (50°F) and 30°C (86°F). Do not apply if cold and/or wet weather is expected within 24 hours. Never stop application in the middle of a board or piece of wood, always work the entire length to a natural break. Vertical surfaces should be coated from top to bottom. Always work in the direction of the grain. Never apply in direct sunlight or to hot surfaces. Do not allow to dry between applications - apply TEAKPROTECT wet on wet. After spray application, always back-brush or back-roll to improve penetration, uniformity of coverage and finish.</p>
<b>Surface preparation</b>	<p><b>General Directions:</b> Surfaces must be thoroughly clean, dry and free of dirt, grease, grime, mildew and previous coatings. Treat mildew with a 50/50 bleach/water solution. Scrub solution on to surface and allow to stand for 10-15 minutes; rinse thoroughly. 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. TEAKPROTECT can only be applied to bare wood surfaces or a weathered wood surface that was previously finished with TEAKPROTECT. ALL other finishes MUST be completely and thoroughly removed. If necessary sand surface after cleaning and/or stripping (max 80 grit paper).</p> <p><b>New wood surfaces:</b> 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. Treat with DEEP CLEANER*, neutralise with DECK CLEANER*, alternatively mechanically or manually abrade surface (max 80 grit paper). 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, if not repeat process.</p>

<b>Surface preparation</b>	<p><b>Untreated weathered woods:</b> Untreated wood surfaces that have weathered longer than 6 months should be thoroughly cleaned with undiluted DECK CLEANER* to ensure that all loose wood fibres, dirt and other surface contaminants are removed. For severely contaminated surfaces clean with DEEP CLEANER, neutralise with DECK CLEANER.</p> <p><b>Previously coated surfaces (oiled, paint, stain, varnish....):</b> All previous coatings must be completely and thoroughly removed. Oils and sealers: Strip with DEEP CLEANER*, neutralise with DECK CLEANER*. Oil/Alkyd based finishes: Strip with MARINE STRIP, neutralise with DECK CLEANER*. Acrylic finishes: Contact us. Other finishes e.g. 2 pack Epoxies, Urethanes.... Strip with DSP 800*.</p> <p><b>Note:</b> Hardwoods and woods rich in tannins e.g. Oak, Cedar, Teak, Ipe.... may darken with DEEP CLEANER* AND MARINE STRIP*, neutralising with DECK CLEANER* immediately after rinsing will lighten and restore the woods colour.</p>
<b>Application</b>	<p>Use as is. Do not thin. Apply 2 even applications of TEAKPROTECT "wet on wet". Apply a 1st liberal application of TEAKPROTECT and allow to penetrate into the wood 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. For very porous surfaces a 3<sup>rd</sup> application may be needed. Brush out any puddles within 20 minutes of applying the last application to avoid TEAKPROTECT drying as shiny spots on the surface. Do not allow TEAKPROTECT to become Touch Dry or Dry between applications. TEAKPROTECT'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.</p>
<b>Maintenance</b>	<p>Maintenance is due when the treated wood takes on a weathered grey look or has severely faded. Surfaces with harsh exposure to the sun, weather and foot traffic will show wear more quickly than other areas. Clean surface with undiluted DECK CLEANER. Apply a single, liberal application of TEAKPROTECT blending in to areas which still have good colour. For very porous or badly weathered surfaces a 2nd application may be required; this should be applied as directed under "Application" instructions above. Areas retaining good colour do not need re-treating.</p>
<b>Coverage</b>	<p>Initial: 5m<sup>2</sup> (53ft<sup>2</sup>) per litre Maintenance: 10m<sup>2</sup> (107ft<sup>2</sup>) to 12m<sup>2</sup> (129ft<sup>2</sup>) per litre. Actual coverage will vary depending on application method, type, texture, age and porosity of the wood.</p>
<b>Restrictions</b>	<p>The natural oils in woods such as Iroko and Azobe can impede the penetration and drying of finishes. These species of wood should be thoroughly prepared or allowed to weather for 12 months. Contact us for preparation advice.</p>
<b>Clean-up</b>	<p>Soap and water.</p>
<b>Storage</b>	<p>Keep from freezing and high temperatures.</p>
<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 advice 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. All other OWATROL products named in this document should be used as per label instructions and the technical data sheet.</p>
<b>Safety</b>	<p>Refer to the safety data sheet (MSDS) available at <a href="http://www.owatrol.com">www.owatrol.com</a> and text on the packaging. Keep out of the reach of children.</p>
<b>Issue date</b>	<p>October 2016</p>

\* Same manufacturer