



AQUADECKS®

WATERBORNE WOOD FINISH

Product description	AQUADECKS® is a penetrating and bonding wood finish providing a flexible, long-lasting rich, matt finish for all woods, including exotic hardwoods. AQUADECKS® saturates, penetrates and stabilises wood to minimise cracking, warping and other damage caused by moisture and sun.														
Properties	<ul style="list-style-type: none"> • Saturates, penetrates and stabilises wood to minimise damage caused by moisture and sun. • Can be applied on new or weathered wood. • Provides a matt finish that accentuates the beauty of wood. • Premium UV absorbing transoxide pigments. • Provides a long lasting finish. • Low odour; fast drying. • Easy application and easy clean-up with soap and water. 														
Basic uses	<ul style="list-style-type: none"> • For exterior or interior use. • Hardwoods: including Ipé, Ironwood, Mahogany and Teak. • Softwoods: Pine, Spruce, Cedar, Pressure treated woods... • Thermo-heated woods. • Horizontal and vertical surfaces such as decks, siding, fences and furniture. 														
Technical data	<p>Finish: Matt Vehicle type: Acrylic-Alkyd Solvent type: Water Specific gravity: 1.01 ± 0.05 Physical state: Liquid Solid content: 11% ± 2 Flash point: Not classified as flammable. Shelf life: 1 year minimum in original unopened packaging. Container size: 1L, 2.5L, 10L.</p> <p>Colour:</p> <table border="0"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Honey (Wet wood appearance)</td> <td>Movingui</td> <td>Teak</td> <td>Padouk</td> <td>Weathered Grey</td> <td>Graphite Grey</td> <td>Ebony</td> </tr> </table> <p>Dry time: 4 hours, depending on temperature and humidity. Up to 48 hours for decks depending on weather conditions. VOC: EU limit value for this product (cat. A/f) 130 g/L (2010). This product contains max. 47 g/L.</p>								Honey (Wet wood appearance)	Movingui	Teak	Padouk	Weathered Grey	Graphite Grey	Ebony
															
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Surface preparation	<p>General Directions: 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 stripping and cleaning, allow wood to dry 2-3 good drying days or until it has reached a moisture content of 18% or less before applying finish. AQUADECKS® can only be applied to bare wood surfaces or a weathered wood surface that was previously finished with AQUADECKS®. ALL other finishes MUST be completely and thoroughly removed. If necessary sand surface after stripping and cleaning (80 grit paper).</p> <p>New wood surfaces: 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 surface with AQUANETT®*, neutralise with NET-TROL®*, alternatively mechanically or manually abrade surface with 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.</p> <p>Untreated weathered woods: 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>Previously treated surfaces (oiled): All oils or sealers must be completely and thoroughly removed with AQUANETT®* and the stripped surface neutralised with NET-TROL®* before applying AQUADECKS®.</p> <p>Previously treated surfaces (paint, stain, varnish, waterproofers...): All previous coatings must be completely and thoroughly removed with DILUNETT®* and the stripped surface neutralised with NET-TROL®* before applying AQUADECKS®. Other finishes i.e. 2 pack epoxies, urethanes,...: Contact our technical department for additional information and advice.</p> <p>Note: Hardwoods inc' exotic hardwoods and woods rich in tannins i.e. Cedar, Douglas Fir, Teak, Ipe... may darken with AQUANETT®* and DILUNETT®*, neutralising with NET-TROL®* immediately after rinsing will lighten and restore the woods colour.</p> <p>Bamboo Surfaces: Contact our technical department for additional information and advice before starting the work.</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.

<h2>Application tools</h2>	<p>Brush: High quality synthetic brush. 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>
<h2>Good application practice</h2>	<p>Use as is, do not thin. Mix thoroughly before and periodically during application. For colour uniformity, mix all product together that is to be applied to any one area or section. Cover everything you do not wish to coat, including plants and shrubs. Apply between 10°C and 30°C. Do not apply if cold and/or wet weather is expected within 12 hours. 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. Vertical siding should be coated from top to bottom. Never stop application in the middle of the board or wall. Never apply in direct sunlight or to hot surfaces. Do not allow to dry between coats - apply AQUADECKS® 'wet on wet'. After spray application, always back-brush or back-roll to improve penetration and uniformity of coverage.</p>
<h2>Application</h2>	<p>Apply 2 even applications of AQUADECKS® 'wet on wet'. Apply a 1st liberal application of AQUADECKS® 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 3rd application may be needed. Brush out any puddles within 20 minutes of applying the last application to avoid AQUADECKS® drying as shiny spots on the surface. Do not allow AQUADECKS® to become Touch Dry or Dry between applications. AQUADECKS®'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>
<h2>Coverage</h2>	<p>Initial: 5 m² per litre per 2 coats. Maintenance: 10 m² to 12 m² per litre. Actual coverage will vary depending on application method, type, texture, age and porosity of the wood.</p>
<h2>Maintenance</h2>	<p>General directions: Maintenance is due when the treated wood takes on a weathered grey look or has severely faded. Clean surface including severely faded or weathered areas that have turned grey with undiluted NET-TROL®* before applying a maintenance application of AQUADECKS®. 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 undiluted NET-TROL®* and re-apply AQUADECKS® as directed under "Application" instructions above, blending into 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> <p>Decks and other horizontal surfaces: Most decks and horizontal surfaces do not need re-treating every year. A single application of AQUADECKS® every second year will be sufficient to refresh the natural beauty of the deck/horizontal surface and maintain protection. Cleaning with NET-TROL®* once a year between treatments to remove dirt and contamination will renew the appearance of the wood. For general re-treating follow directions in "Surface Preparation" and "Application".</p> <p>Cladding and other vertical surfaces: Cladding and vertical surfaces do not require annual maintenance. When AQUADECKS® shows signs of wear and weathering (turning grey) then a maintenance application is required. Clean surface with undiluted NET-TROL®* and re-treat with a single application of AQUADECKS® according to "Application" instructions above, to replace material that has weathered out.</p>
<h2>Clean-up</h2>	<p>Soap and water.</p>
<h2>Storage</h2>	<p>Keep from freezing and high temperatures.</p>
<h2>General information</h2>	<p>Every care is taken to ensure that the information provided in this technical data sheet is accurate. OWATROL INTERNATIONAL 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 info@owatrol.com 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>
<h2>Safety</h2>	<p>Keep out of the reach of children. Do not breathe vapours. Avoid contact with skin and eyes. If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label. MSDS available at www.owatrol.com</p>
<h2>Issue date</h2>	<p>April 2012.</p>

* Same manufacturer