AQUADECKS®

WATERBORNE WOOD FINISH

PRODUCT DESCRIPTION

AQUADECKS® is a penetrating wood finish that provides 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 the sun and rain.

BASIC USES

- Softwoods – Cedar, Larch, Spruce, Pine, Pressure Treated Wood (PTW)….
- Hardwoods (European) – Ash, Oak, Chestnut….
- Exotic Hardwoods – Ipe, Bangkirai, Teak, Iroko….
- Thermally Heat Treated (THT) wood, Kebony.
- Bamboo – Contact Us.
- Horizontal and Vertical surfaces.
- Decking, Garden Furniture, Cladding, Shakes, Shingles, Fences….

PROPERTIES

- Provides a matt finish that accentuates the beauty of wood.
- Apply to new or weathered wood.
- Excellent penetration.
- Premium UV absorbing transoxide pigments.
- Non film building – No peeling. No flaking.
- Provides a long-lasting finish.
- Easy application.
- Easy to maintain – No stripping. No sanding.
- Easy clean-up with soap and water.

FINISH	SIZES	USAGE
Matt	0.75L, 2.5L 1L, 5L, 20L	Exterior Interior

7 Colours + 1 Tinting Base

Honey (Wet Wood Appearance) | **Movingui** | **Teak** | **Padouk** | **Weathered Grey** | **Graphite Grey** | **Ebony** | **Clear Base**

TECHNICAL DATA

Vehicle Type	Acrylic-Alkyd
Solvent Type	Water
Specific Gravity	At 20°C (68°F) 1.02 ±0.02
Viscosity	Cup iso 3 <30S
Solid Content	11% ±2%
Flash Point	Not classed as flammable.
Shelf Life	1 year minimum in original unopened packaging.
VOC	EU limit value for this product (cat. A/f) 130 g/L (2010). This product contains max. 40 g/L.
Application Tools	Brush Roller 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)
Dilution	Use as is. Do not dilute.

Coverage	Initial: 5m^2 (53ft^2) per litre multicoat (based on 2 coats for average wood porosity). Maintenance: 10 (107ft^2) to 12m^2 (129ft^2) per litre per coat Actual coverage will vary depending on application method, type, texture, age, and porosity of the wood.
Drying Times	At 20°C (68°F) and 50% RH. Recoat: Normally 15-20 minutes depending on the porosity of the wood. Max Recoat: 20 minutes. Dry: 4 hours.
Clean-up	Soap and Water.
Storage	Close lid tightly after use and store in original container. Keep from freezing and high temperatures.

GOOD APPLICATION PRACTICE

Before starting, test colour choice on a small area. Allow to dry to determine final colour.
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 (50°F) and 30°C (86°F).
Do not apply in direct sunlight or to hot surfaces.
Do not apply if cold and/or wet weather is expected within 12 hours.
Always work the entire length of a deck board or cladding to a logical break. Never stop application in the middle of a board or piece of wood.
Vertical cladding should be coated from top to bottom.
After spray application, always back-brush or back-roll to improve penetration and uniformity of coverage.
DO NOT USE CLEAR BASE UNTINTED.

SURFACE PREPARATION

General Directions:

Surfaces must be 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 the 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 AQUADECKS®.
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 cleaning and/or stripping with 80 grit paper or coarser depending on wood species.

New Wood surfaces:

New wood surfaces have a hard shiny surface call 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®* or PREPDECK®*, neutralise with NET-TROL®*. Alternatively mechanically or manually abrade surface with 80 grit paper or coarser depending on wood species. Dust off and wash with Methylated Spirits (Denatured Alcohol), Cellulose Thinners or Acetone – NOT White Spirits – to remove any remaining sanding residue and degrease the surface.
New Wood Surfaces are deemed to be 12 months or less.

Untreated Weathered wood:

Untreated wood surfaces that have weathered longer than 12 months should be thoroughly cleaned with undiluted NET-TROL®* to remove all loose wood fibres, dirt and other surface contamination.
If wood is severely contaminated clean with AQUANETT®* or PREPDECK®*. Neutralise with NET-TROL®*.

Previously Coated surfaces (Oil, Paint, Stain etc.):

All previous coating(s) must be completely and thoroughly removed.
Oils: Strip with AQUANETT®* or PREPDECK®*, neutralise with NET-TROL®*.
Solvent (oil or alkyd based) finishes: Strip with PREPDECK®* or DILUNETT®*, neutralise with NET-TROL®*.
Acrylic (water-based) finishes: Strip with PREPDECK®*, neutralise with NET-TROL®*.
Other finishes e.g., 2 pack epoxies, urethanes etc.: Strip with DSP800*.

Note: Woods high in tannins e.g., Cedar, Ipe, Oak, Teak will darken when treated with AQUANETT®*, PREPDECK®* or DILUNETT®*. Neutralising with NET-TROL®* immediately after rinsing will lighten and restore the woods colour.
NB: It is imperative that a contact time test is done when using AQUANETT®*, PREPDECK®*or DILUNETT®* on Oak, Chestnut and other high tannin content woods to avoid blackening the wood – Refer to the relevant TDS.

APPLICATION

Stir can well before and during application.
Apply 2 even applications of AQUADECKS® "wet-on-wet".
Apply a 1st liberal application of AQUADECKS® and allow to penetrate into the wood.
Apply a 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 excess product/puddles within 20 minutes of the last application to avoid AQUADECKS® drying as shiny spots on the surface.
Do not allow AQUADECKS® to become Touch Dry or Dry between coats - apply "wet-on-wet".
NOTE: AQUADECKS® is not a surface coating, its place is in the wood not as a film on the surface. Creating a film on the surface will affect the coating's performance.

MAINTENANCE

General Directions

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 or foot traffic will show wear more quickly than other areas.
Clean surface including faded or weathered areas with undiluted NET-TROL®*.
Apply AQUADECKS® in accordance with the 'Application' instructions above, blending in to areas which still have good colour.
A single application of AQUADECKS® is all that is normally required to renew the natural beauty of the wood and maintain protection.
For very porous or badly weathered surfaces a 2nd application of AQUADECKS® may be required.
Areas retaining good colour do not need a maintenance application.

Decks and other horizontal surfaces:

Most decks and horizontal surfaces will only require a maintenance application of AQUADECKS® every second year.
A periodic clean, between applications, with NET-TROL®* to remove dirt and contamination will refresh the appearance of the wood.

Cladding and other vertical surfaces

Most cladding and vertical surfaces will only require a maintenance application of AQUADECKS® every 4 to 5 years.

RESTRICTIONS

Do not use Clear Base untinted.

SAFETY

Refer to the safety data sheet (SDS) available at www.owatrol.com and the text on the label. Keep out of the reach of children.

*Same Manufacturer. *Refer to the TDS

This Technical Data sheet cancels and replaces any previous Technical Data sheet for the same product. Its purpose is to inform the user about the product. The information contained within this Technical Data sheet is based on our current knowledge. However, the information contained within this document cannot replace a specification appropriate to the nature and conditions of the substrate to be coated. Due to ongoing technical advances, it is the responsibility of the user to establish that this document has not been superseded by a more recent edition. The information contained within this document is for guidance only and the manufacturer is unable to guarantee or accept responsibility for the results as it has no control over the conditions under which its products are applied.
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