



DEKS OLJE® D.1

SATURATING WOOD OIL

Product description

DEKS OLJE® D.1 is an oil, which saturates the wood, literally feeding it with oil to replace those lost. Driving out moisture and air, filling the woods pores with oil, it enriches and stabilises to provide long lasting protection to interior and exterior timber. A non-film forming, clear oil DEKS OLJE® D.1 enhances the natural beauty of the wood while being easy to maintain, requiring no sanding or stripping.

Properties

- Optimised for thick, dense, oily and difficult to impregnate woods.
- Drives out moisture and air by penetrating deep into the wood pores - Protects against the effects of moisture.
- Transparent - Maintains the woods natural appearance.
- Natural matt sheen finish (For a gloss finish topcoat with DEKS OLJE® D.2*).
- Non film forming - No peeling, No flaking.
- Easy maintenance - No stripping or sanding.
- Can be applied above and below the water line (must be overcoated with a suitable finish below the water line).

Basic uses

- Hardwoods and Tropical woods - Oak, Chestnut, Ash, Teak, Ipe, Mahogany, Bangkirai...
- Softwoods - Pine, Larch, Spruce...
- Exterior - Decks, garden furniture, windows, doors, frames...
- Interior - Flooring, panelling, stairs, joinery...
- Marine - Hulls, portals, trim, wheel house...
- Horizontal and vertical surfaces.
- Excellent primer for conventional single pack marine and decorative coatings.

Technical data

Finish: Matt
Vehicle type: Alkyd-Urethane Resins
Solvent type: Solvent
Viscosity: Fluid
Specific gravity (at 20°C): 0,850 ± 0,05
Physical state: Liquid
Solid content: 27 % ± 2
Flash point: > 60°C
Shelf life: 2 years in original unopened packaging.
Container size: Spray 300mL, 1L, 2.5L, 20L, 200L
Colour: Amber
Dry time: 24 hours, depending on temperature and humidity.
Setting up time before use or finishing with DEKS OLJE® D.2*: 3 days
VOC: EU limit value for this product (cat. A/f) 700 g/L (2010). This product contains max. 628 g/L.

Application tools

Brush
Roller

Good application practice

Cover everything you do not wish to paint.
Apply between 5°C and 35°C.
Do not apply in direct sunlight or to hot surfaces.

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 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.

DEKS OLJE® D.1 may only be applied to bare wood surfaces or a wood surface that was previously finished with

DEKS OLJE® D.1. ALL other finishes must be completely and thoroughly removed.

If necessary sand surface after cleaning and/or stripping (80 or 100 grit paper).

New wood:

Interior - Sand wood with 100 grit paper to open the pores, dust off and wipe with a cloth soaked in Methylated Spirits to degrease the surface and remove any remaining sanding residue.

Exterior - New smooth, planed wood has a hard shiny surface called mill-glaze that prevents maximum penetration and adhesion of any finish, this should be removed to ensure maximum performance of the finish.

Treat with AQUANETT®* or PREPDECK®* and neutralise with NET-TROL®* OR sand with 80 grit paper to open the wood pores, dust off and wipe with a cloth soaked in Methylated Spirits to degrease the surface and remove any remaining sanding residue.

Iroko, Padouk: see "restrictions".

Weathered wood surfaces (untreated):

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

Previously coated surfaces (oiled, paint, stain, varnish...):

All previous coatings must be completely and thoroughly removed.

Oils and sealers: Strip with AQUANETT®* or PREPDECK®*, neutralise with NET-TROL®*.

Solvent (oil or alkyd based finishes): Strip with DILUNETT®* neutralise with NET-TROL®*.

Acrylic (Water-based) finishes: Strip with PREPDECK®* neutralise with NET-TROL®*.

Other finishes e.g. 2 pack epoxies, urethanes... Strip with DSP 800*, neutralise by mechanically sanding or rinse surface with a suitable solvent - Warm Water, Acetone, White Spirits...

Note: Hardwoods and woods rich in tannins e.g. Oak, Chestnut, Teak, Ipe, Cedar... may darken with AQUANETT®*, PREPDECK®* and DILUNETT®*, neutralising with NET-TROL®* immediately after rinsing will lighten and restore the woods colour.

Application

DO NOT THIN. USE AS IS. The secret of DEKS OLJE® D.1's success lies in its saturation of the wood to bring about an even "matt sheen" finish when dry.

Start by applying DEKS OLJE® D.1 to an area that can be treated in about 15 minutes.

As soon as the 1st application has penetrated (normally 15-30 minutes), apply a 2nd application.

Continue applying DEKS OLJE® D.1 "wet on wet" until a uniform, overall saturation of the wood is achieved. The number of applications needed depends on the wood.

DO NOT allow DEKS OLJE® D.1 to become dry or touch dry between applications.

Leave final application 30 minutes, then wipe over the surface to remove excess and puddled material with a rag soaked in DEKS OLJE® D.1 and rung out so that it is damp to the touch. If necessary occasionally ring out the cloth to keep it damp.

It is important that as much DEKS OLJE® D.1 as possible is applied on the first day.

DEKS OLJE® D.1 must be kept "active", this is done by the "wet on wet" applications and the continual brushing over of the area, which assists and helps achieve maximum penetration.

DEKS OLJE® D.1 has high penetration; its place is in the wood and not as a surface coating.

Allow 3 days for DEKS OLJE® D.1 to set-up and dry, before putting the boat in service or continuing with DEKS OLJE® D.2*.

Temperature is of very little importance when applying DEKS OLJE® D.1.

Coverage

Initial: 1 to 4 m² per litre.

Maintenance: 8 to 12 m² per litre.

Actual coverage will vary depending on application method, type, texture and porosity of the wood.

Maintenance

Regular washing with NET-TROL®* will help to maintain the appearance of DEKS OLJE® D.1.

DEKS OLJE® D.1 will gradually lighten over time due to exposure to the sun and UV rays. When the wood has lightened to a light grey colour, it is time for a maintenance application.

Clean surface with NET-TROL®*.

Apply DEKS OLJE® D.1 until wood is saturated and the finish restored, usually 1 or 2 applications will be sufficient.

Restrictions

DEKS OLJE® D.1 may soften some caulking. If in doubt consult us.

The tannins and natural oils in woods such as Iroko impede the penetration and drying of finishes. These species of wood should be thoroughly prepared or allowed to weather for 12 months before applying DEKS OLJE® D.1. Contact us for preparation advice.

Plywood - Contact us.

Do not use DEKS OLJE® D.1 on Thermo treated wood

Clean-up

Clean all tools and equipment with white spirits while still wet. If allowed to dry, remove with paint stripper. Wipe up any drips or runs immediately with a cloth soaked in white spirits. Dried DEKS OLJE® D.1 may be removed with DILUNETT®*.

Store and maintain equipment as directed by manufacturer.

Note: Any rags, steel wool etc soaked in DEKS OLJE® D.1 may spontaneously catch fire if improperly discarded. Rags, steel wool etc must be saturated with water after use or placed in a sealed, water filled metal container, before disposing with household waste.

Storage

Left over DEKS OLJE® D.1 should be transferred to a smaller, airtight, closed metal or glass container.

Keep from freezing and high temperature.

General information

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.

Safety

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

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* Same manufacturer