

HDO Deck Oil

Product Description

Unlike conventional teak oil, **HDO** is a binder stabilized, deep penetrating protecting formulation, ideal for marine hardwood surfaces, like decks, with excellent UV protection. Its deep penetrating formula feeds wood, restoring the natural oils lost through weathering. It penetrates the wood leaving a wet look finish that lasts longer than other conventional oils.

Recommended Use

Deep penetrating, deck protecting formulation, ideal for wooden surfaces with excellent UV protection that provides a natural finish and high abrasive resistance. It creates an easy to clean protected surface. Suitable for any hard-wood, interior or exterior surface. It provides a durable long life finish. Suitable for wood with large contraction and expansion properties. Coverage Rate 12-15m²/L.

Film Thickness Per Coat

	Minimum	Maximum	Recommended
Dry Film Thickness (µm)	10	30	20
Wet Film Thickness (µm)	33	88	67
Coverage Rate (m ² /L)	30	10	15

Drying times differentiate in minimum or maximum values. Maintain recommended values during application. Coverage rate is Theoretical and does not include any losses.

Properties

Type ▶	Oil Alkyd Resin	Touch Dry Time ▶	1h @ 20°C
Components ▶	One Component	Dry Through Time ▶	2h @ 20°C
Color ▶	Transparent	Full Curing ▶	24h @ 20°C
Thinner/ Cleaning Solvent ▶	NanoPhos Thinner B	Min. Recoat Interval ▶	7h @ 20°C
Mixing Ratio ▶	One Component	Flash Point ▶	>60°C
VOC ▶	400 g/L	Water Resistance ▶	Very Good
Solids (%vol.) ▶	30±3	Abrasion Resistance ▶	Very Good

Surface Preparation

All surfaces should be clean, dry and free from oil, grease and other foreign matters or contamination. Preparation according to ISO 8502-3:1992 Test for the assessment of surface cleanliness. According to ISO 8501-3:2006 Visual assessment of surface cleanliness.

Application

The application of HDO can be done through conventional sprayers, airless sprayers and roller or brush. These are indicative methods of application and it is to the judgment of each person which method will be applied. Substrate temperature should be minimum 5° and at least 3°C above air dew point. Good ventilation is required to ensure proper drying.

Paint System

Please contact NanoPhos Marine for more information.

Health and Safety

- I. Use normal precautions such as gloves, facemasks.
- II. Adequate ventilation must be maintained.
- III. Explosion proof lights & electrical equipment.
- IV. Non-Sparking shoes & tools for workers in area.
- V. This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- VI. Avoid breathing of vapor, contact with skin or eyes. If product comes with skin or eyes, wash thoroughly with water and obtain medical attention.

Available Packaging

- Metal canisters: 1L, 2.5L, 5L & 20L

Notes & Precautions: Storage of closed containers, in controlled dry and enclosed space, away from sources of ignition and temperatures from 5°C to 35°C, for up to 18 months. The Technical Data should be read in conjunction with the Safety Data Sheets and Coating Technical Specification. This product is for professional use only. For more information please contact NanoPhos Marine: www.NanoPhos-Marine.com