



## Product Information: Deck Oil

### Description

Osmo Deck Oil is a satin-matt, clear or transparent exterior wood finish. It will not crack, peel, flake or blister. It is water-repellent, UV\*, and weather-resistant. With two coats on raw wood and one coat for renovation with no sanding or stripping between applications, it enhances the grain and natural beauty of decking, creating a protected smooth surface. Osmo Deck Oil is natural oil based and micro-porous, allowing the wood to breathe. Osmo Deck Oil has a uniquely low solvent content which accounts for its exceptionally large coverage rate – 2 to 4 times that of traditional deck treatments when applied using an Osmo brush. Osmo Deck Oil works excellent on both domestic and exotic species.

### Uses

Use Osmo Deck Oil for all exterior decking, including deck siding, railing and stairs. Also use for garden furniture, exterior fencing, and similar surfaces.

### Color Range

Osmo Deck Oil is available in 7 natural wood shades to match the most commonly used wood species, as well as clear. Trial application is recommended to ensure best results.

### Natural Wood Shades:

- No. 004 Douglas Fir
- No. 006 Bangkirai
- No. 007 Teak clear *\*No UV Protection*
- No. 009 Larch
- No. 010 Thermowood
- No. 013 Garapa
- No. 014 Massaranduba
- No. 016 Bangkirai dark

All shades are intermixable. When using several cans with different batch numbers please mix together in one large container to ensure uniform coloration.

### Number of Coats Required

Osmo Deck Oils require two coats for initial application, and one coat for renovation. No sanding or stripping between initial applications or maintenance applications – saving time and labor!

### Surface Preparation

Wood surface must be clean, dry, frost-free, and with a maximum moisture content of 20%. Existing paints, varnishes, and latex stains must be stripped and removed prior to application.

*\* Except No. 007 Teak clear*



## Method of Application

Please note: Pre-treatment with Osmo Wood Reviver Power Gel is recommended for existing decking. It is customary to allow fresh timber a waiting period prior to finishing.

Begin by sweeping the surface with a sturdy broom or brush, removing settled dust and debris. Osmo Deck Oil is ready to use. Do not thin. Stir well. Using an Osmo brush or stiff quality natural brush, brush in a thin coat using a back and forth motion along the wood grain. New construction: If possible, apply on all sides of the wood prior to installation.

Use an Osmo brush or stiff quality natural brush to apply Osmo Deck Oil along edges and hard to reach areas. When finished, wipe off any excess with a clean cloth. Allow to dry for approximately 12 hours. Apply a second coat using the same method.

Re-application and restoration with Osmo Deck Oil is simple. On a clean, dry and frost-free surface, apply just one coat using the same method. When finished, wipe off any excess with a clean cloth.

Tip: If applied too thickly, this product may leave shiny areas. However, these shiny areas will weather naturally within a short period of time leaving an even, satin-matt appearance. If a satin finish is desired, apply one final coat of Osmo Clear Oil Wood Finish once thoroughly dry. This will also increase the durability of the finish.

## Drying Time

Product dries in approximately 12 hours - assuming sufficient ventilation.

## Coverage

1 Liter covers approximately 250-350 sq. ft. per coat. Rough or striated wood in general needs more material due to its surface structure.

## Can Sizes

0.75 Liter – covers approximately 75-300 sq. ft. per coat.  
2.5L Liter – covers approximately 250-800 sq. ft. per coat.

## Compatibility

Product is compatible with: Osmo One Coat Only, Osmo Clear Oil Wood Finish, and other micro-porous stains or oil finishes.

## Cleaning of Tools

Clean tools with Osmo Brush Cleaner (benzene-free) or mineral spirits.

## Maintenance

Surfaces treated with Osmo Deck Oils are simple to clean. Clean by using a cloth or brush and Osmo Wash and Care with water. If necessary, apply an additional coat of Osmo Deck Oil onto a clean, dry, frost-free surface.



### **Storage**

Product may be stored up to 5 years or more if can is full and tightly closed. Store in a dry place. If thickened by frost it will regain normal consistency under room temperature within 24-36 hours.

### **Ingredients**

Approximately 50-60% solids.

Base: Natural vegetable oils (sunflower oil, soybean oil and thistle oil).

Pigments: Titanium dioxide (white pigment) iron oxide and organic pigments, all officially approved for use in the food sector.

Additives: Siccatives (drying agents) and water-repellent additives.

Solvents: Disaromatized white spirit – (benzene free – in compliance with purity demands of the European Pharmacopoeia). Full declaration of ingredients are available upon request.

### **Corrosion**

In areas of high humidity, the use of galvanized, non-oxidizing nails and fasteners is recommended.

### **Technical Data**

Specific gravity: 0.8 - 0.95 g/cm<sup>3</sup>

Viscosity: 90 - 105", 2 mm according to DIN 35 211, thin

Odor: faint/ mild, odorless after drying

Flashpoint: Flammable – Flashpoint Setaflash ASTM D > 131° F.

### **Caution**

Keep out of reach of children. Do not fill into containers normally used for food and drink. Work in areas with sufficient ventilation. When using this product, appropriate protective clothes and protective glasses are recommended. Avoid all contact with skin. Do not apply in the presence of open flames, hot surfaces or unprotected electrical equipment. In case of contact with eyes, rinse immediately with plenty of water. Contains 2-butanonoxime. May produce an allergic reaction. Protect nearby vegetation during application. Oil-soaked materials may spontaneously combust. Immerse oil-soaked materials in water and store in an air-tight container.

Fire conduct in compliance with the demands of German DIN 4102 (fire conduct of building materials and components) Class B2 (normal inflammability).



### Health and environment

Osmo Deck Oil contains no biocides or preservatives. It is safe for humans, animal and plant when dry and complies with German DIN 53 160 / EURO Norm 71 (suitable for children's toys). Test certificates available upon request. The principle of Osmo is to manufacture and supply only products which are safe and environmentally-friendly during production as well as for application resulting in the successful certification according to DIN EN ISO 9001:2000 (quality management) and DIN EN ISO 14001 (environmental management) by the TÜV (Technical Control Board Rhineland).

The company Osmo Holz und Color is accredited according to DIN EN ISO 9001:2000 (quality management system) and DIN 14001 (environmental management system)

### Technical Assistance

888-487-8054 M-F 8:00AM-5:00PM Pacific time or [info@osmona.com](mailto:info@osmona.com)

Visit **Osmo Worldwide** at <http://www.osmo.com>

To the best of our knowledge, the information provided herein is accurate and reliable as of the date of publication; however, we do not assume any liability whatsoever for the accuracy and completeness of the above information. It is the customer's responsibility to check the relevant product data sheets and respective MSDS periodically at the Osmo Worldwide website [www.osmo.com](http://www.osmo.com).  
Dated: 03/2013