

## Product information: TopOil

### Description

Osmo TopOil is a micro-porous, clear and matt finish wood finish for wooden kitchen work tops and general interior joinery (table tops and furniture).

The Osmo TopOil surface is extremely tough and hard-wearing. It is water-repellent and dirt-resistant. The finish is resistant against wine, beer, cola, coffee, tea, fruit juices, milk and water etc. when dry according to DIN 68861 - 1C (German Industrial Norm).

Dirt can easily be removed without trace. Renovating, even partially, is easy. Just clean and re-treat worn areas: No sanding, no repair marks, no removal of previous TopOil finish.

Osmo TopOil is based on natural vegetable oils and waxes. It is micro-porous and does not crack, flake, peel or blister. Therefore it is an ideal treatment even in rooms with high humidity. Osmo TopOil is very easy to apply: Only two thin coats no primer!). It is of a creamy consistence (thixotropic). The matt sheen can be intensified by slight polishing. Grain and texture of the wood are accentuated.

### Product based on natural oil and wax

Osmo TopOil is based on natural vegetable oils and waxes. Natural oils and waxes penetrate deeply into the wood, keeping it elastic and healthy, and preventing it from getting dry and brittle. The wood is allowed to breathe. Moisture can evaporate. Shrinking and swelling are reduced.

### Health and environment

Osmo TopOil does not contain biocides nor preservatives. It is safe for man, animal and plant when dry and complies with German DIN 53160 (fast to perspiration and saliva) and EURO-NORM EN 71 (suitable for children's toys). Test certificates available.

The principle of Osmo to manufacture and supply only products which are safe and environmentally friendly during production as well as for application resulted 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

Die Fa. Osmo Holz und Color  
ist zertifiziert nach DIN EN  
ISO 9001:2000  
(Qualitätsmanagement) sowie  
nach DIN EN ISO 14001  
(Umweltmanagement).

### Uses

Wood finish for wooden kitchen work tops and general interior joinery (table tops and furniture). For dark hardwood floors like Jatoba, Meranti, Wengé, Merbau, etc. use Osmo Wood Wax Finish Clear Extra Thin (Trial application recommended).

### Colour shade

3058 clear, matt

If a transparent coloured finish is desired, mix with Osmo Wood Wax Finish Opaque (i. e. 10:1) for first coat or use Osmo Wood Wax Finish Transparent or Osmo Polyx®-Oil White Foundation. Finish with Osmo TopOil clear.

### **No. of coats required**

2 (no primer)

Renovation: 1 coat

Application by cloth: 3-4

### **Coverage**

1 l = approx. 12 m<sup>2</sup>, two coats

= approx. 20 m<sup>2</sup>, renovation

### **Can sizes**

0.5 litre can

Larger volumes please enquire.

### **Preparation**

The wood, cork or OSB surface must be clean and dry (maximum moisture content 20 %). Small dents and holes in the wood can be filled with Osmo Woodfiller. Only apply on frost free surface. Clean or lightly sand old micro-porous finishes.

Remove old varnishes (with Osmo Paint Remover or by sanding).

If required, sand with fine grain before application (grain max. 150), remove dust carefully.

For wood tending to attract blue stain in moist surroundings (e.g. pine) a pre-treatment (all sides if possible) with biocide-free wax impregnation Osmo Wood Protector is recommended.

### **Compatibility**

Osmo TopOil can be applied over all Osmo Waxes (Hardwax-Oil), Osmo Wood Protector and Osmo Clear Oil Finish.

### **Corrosion**

In rooms of high humidity the use of galvanised, non-oxidising nails and fasteners is recommended.

### **Method of application**

Osmo TopOil is ready to use. Please do not thin - shake well before use.

Apply with a stiff, tight quality brush with tight fine bristles, e.g. Osmo Hand Brush (100 mm) or a dry cloth. Apply first coat thinly, thoroughly and evenly along wood grain. Remove surplus. Leave to dry over night (at least 8-10 hours) ensuring good ventilation.

Apply second coat as above. Remove surplus and leave to dry at least 8-10 hours. Ventilate well. If using a cloth, apply 3-4 thin coats.

For the inside of cupboards and drawers apply only 1 thin coat with a cloth and leave it to dry with good ventilation.

If a more satin finish is desired, apply Osmo Liquid Wax Cleaner (also available as Spray) thinly and polish after drying with the Osmo Polishing Pad.

### **Cleaning of tools**

With Osmo Brush Cleaner (benzene-free) or white spirit.

### **Drying time**

At least 8-10 hours - provide good ventilation (Osmo wood finishes dry by oxidation and therefore need air).

Dust dry - after approx. 6 hours.

For cork surfaces the drying time can be 24 hours or longer.

### Care and maintenance

Surfaces treated with Osmo TopOil can be cleaned with water (containing Osmo Wash And Care).

For persistent stains, remove with Osmo Liquid Wax Cleaner (also available as Spray). This will also revive the appearance of the surface. When the surface becomes a little dull apply a thin coat of Osmo TopOil.

### Renovation

For renovation apply a thin coat of Osmo TopOil on clean, dry surface. This is also possible in hard used areas. No repair marks will be visible.

### Storage

Can be stored up to 5 years or longer if can is full and tightly closed. If thickened by frost, it will regain its consistency under normal temperatures within 24 - 36 hours.

### Ingredients

50-60 % solids (High Solid)

Base: natural vegetable oils and waxes (sunflower oil, soy-bean oil, thistle oil, carnauba and candellila wax), paraffines.

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

Solvents: disaromatized white spirit (benzenefree - in compliance with purity demands of the European Pharmacopoeia).

Full declaration of ingredients upon request.

### Technical Data

Specific gravity (Density): 0.89 g/cm<sup>3</sup>

Viscosity: thixotropic, creamy

Odour: low odour (vegetable oil), odourless when dry.

Flashpoint: Flashpoint Setaflash ASTM D >55°C

### Caution

Keep out of reach of children. Do not fill into containers normally used for food and drink. Do not bring into contact with drinks, victuals and animal food. Work in areas with good ventilation.

Contains 2-Butanonoxime. May produce an allergic reaction. The dried Hardwax-Oil is safe for human, animal and plant.

In case of contact with eyes rinse immediately with plenty of water.

*Caution:* Wash out any used cloth immediately or store in a airtight container (danger of spontaneous-combustion). Dried surface is hardly flammable according to TL A - 053.

Fire characteristics in compliance with demands of German DIN 4102 (fire conduct of building materials and components) class B 2 (normal inflammability).

*The above information is given to the best of our knowledge but without liability.*

*(dated 07/2006)*