

Product information: Wood Wax Finish Transparent **High Solid** Wood Wax Finish Clear Extra Thin

Description

Osmo Wood Wax Finish is a semi-transparent or transparent interior wood finish. In one simple application it produces a rich professional satin finish which can be polished for higher sheen. Grain and texture of the wood are accentuated.

Osmo Wood Wax Finish is natural oil/wax based and micro-porous, (allowing the wood to breathe). It will not crack, flake, peel or blister. It is water-repellent and dirt-resistant, and will not suffer from water marks. Dirt can easily be removed. It has been used for decades in rooms with high moisture content like kitchens and bathrooms.

Osmo Wood Wax Finish has a creamy consistence (thixotropic) and very easy to apply. It requires little or no maintenance.

The dried surface is resistant against wine, beer, cola drinks, coffee, tea, fruit juices, milk and water according to DIN 68 861-1C (German Industrial Norm).

Osmo Wood Wax Finish Clear Extra Thin is clear and satin-matt. It is more liquid and can also be applied by dipping or spraying in professional application plants. It penetrates deeply into the wood and is particularly well suited for the treatment of dark hardwoods like Jatoba, Meranti, Wengé, Merbau, Ebony etc. (f. i. on floors).

Product based on natural oil and wax

Osmo Wood Wax Finish 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. Shrinking and swelling are reduced. The wood is allowed to breathe. Moisture can evaporate.

Health and environment

Osmo Wood Wax Finish does not contain biocides nor preservatives. It is safe for man, animal and plant when dry and complies with German DIN 53 160 (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

All interior wood surfaces: panelling, ceilings, cornices, beams, furniture, doors, table tops, toys.

Also usable for all kinds of wooden floors (please see Osmo Color Hardwax-Oil). Especially recommended for rooms with high moisture content (kitchens, bathrooms, etc.).

Can also be used for touching-up painted or varnished surfaces. Applicable on all wood species, also laminated wood, hardboard, OSB (oriented strand board) and cork (all without primer).

Colour Range

Osmo Wood Wax Finish is available in a range of natural wood shades to match the most commonly used wood species, and two clears (normal and extra thin). Osmo Wood Wax Finish is semi-transparent. The final appearance of the finish will therefore be influenced by the natural colour of the wood. Best results are normally achieved with corresponding or slightly darker shades or clear. Light shades should only be used for light new wood. (Trial application recommended). All shades are intermixable. When using several cans with different batch numbers please mix together in one large container to ensure uniform coloration.

No. 1101 Clear Extra Thin (satin-matt - can also be dipped, highly penetrable)

No. 3101 Clear Normal

No. 3111 White Spruce

No. 3123 Pine

No. 3127 Savanna

No. 3128 Beech

No. 3136 Birch

No. 3137 Cherry

No. 3138 Mahogany

No. 3151 Dove Grey

No. 3156 Turkish Green

No. 3161 Ebony

No. 3164 Oak

No. 3166 Walnut

No. 3191 Antique Fir

No. of coats required

One (floors and table tops etc.: two)

Can sizes

0.125 litre, 0.375 litre, 0.75 litre,

2.5 litre

Larger volumes please enquire.

Coverage

approx. 20 sq.m per litre, smooth wood (Clear Extra Thin 16 sq.m.)

Rough or striated wood in general needs more material due to its surface structure.

Surface preparation

Wood surface must be clean, dry (maximum moisture content 20 %) and frost-free.

Furniture finish: surface recommended to be sanded down to desired degree of smoothness - carefully remove all dust. Previously stained wood (micro-porous stains): surface must be cleaned or slightly sanded.

Old paints and varnishes must be removed (by Osmo Paint Remover or by sanding).

If in good state and only requiring a little touching up: clean with cloth or sand lightly.

Wood tending to attract blue stain (f. i. pine in rooms with high humidity) pre-treat with one coat of Osmo Wood Protector (biocidefree) up to one week before applying a final coat of Wood Wax Finish.

Compatibility

Can be applied over all Osmo Waxes, One Coat Only and other micro-porous stains and Osmo Wood Protector (biocide-free).

Corrosion

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

Method of application

By brushing, brushing machine or with cloth. Clear Extra Thin: brushing, dipping and spraying in professional application plants.

Osmo Wood Wax Finish is ready to use. Do not thin. Stir well. Apply a thin coat evenly and thoroughly with stiff quality brush or cloth along wood grain on clean, dry surface.

If a deeper shade is desired, a second thin coat can be applied, allowing 12 hours drying time between coats.

To obtain a higher sheen the dry surface can be polished with a dry, clean cotton cloth or Osmo polishing pad (ultra fine steel wool grade 000) or scotch pad.

Where possible apply on all sides of the wood before installation

Floors

For the clear treatment of wooden flooring (also cork or OSB) we recommend our Osmo Hardwax-Oil which has been especially developed for this purpose. It makes flooring very resistant against abrasion and dirt as well as water-repellent.

Because of the hard wear these surfaces are exposed to, two coats are recommended (compare product information No. 2).

For oak and other hardwood floors a clear treatment is recommended. For dark hardwoods (Jatoba, Wengé, Meranti, Ebony, Merbau, etc.) use OS COLOR WOOD WAX FINISH Clear Extra Thin.

Transparent treatment

1. Apply a coat of Osmo Wood Wax Finish Transparent or a mixture of Osmo Wood Wax Finish Opaque and Hardwax-Oil (f. i. 1:10). Remove surplus and leave to dry over night providing good ventilation (Trial application recommended). Finish with Osmo Hardwax-Oil.

Cork floors:

1. Apply very thinly with a large varnish scraper. Then, after at least 24 hours, apply second coat also very thinly. Leave to dry at least 24 hours and

If possible treat cork tiles before laying in order to avoid overlapping treatment of the edges which could prolong drying considerably.

Can be polished for more shine after thorough drying.

Osmo Finishes dry by oxidation. Surface will become tougher and more resistant in about 2 to 3 weeks.

Cleaning of tools

With Osmo Brush Cleaner (benzolefree) or white spirit.

Drying time

approx. 12 hours (provide good ventilation); dust dry after approx. 6 hours.

Maintenance

Little or no maintenance. If desired apply another coat on clean, dry surface as above.

Floors: for daily cleaning use duster, mop or vacuum cleaner. Heavily soiled surfaces can also be cleaned with water (containing Osmo Wash and Care). Heavy stains: remove with Osmo Liquid

Wax Cleaner. This will also freshen up the surface. Apply a further thin coat of Osmo Hardwax-Oil when the surface starts looking dull.

Damage: clean worn or damaged area with Osmo Polishing Pad in Clear Extra Thin No. 1101 or Osmo Liquid Wax Cleaner (or by sanding if necessary) - let dry - apply one coat of Osmo Hardwax-Oil - leave to dry over night and polish over with Osmo Liquid Wax Cleaner. You will see no repair marks or overlapping.

Storage

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

Ingredients

50-60 % solids content (Clear Extra Thin 40%)

Base: natural vegetable oils and waxes (carnauba wax, candelilla wax, sunflower oil, thistle oil, soybean oil); iron oxide and organic pigments, titanium dioxide (white pigment), all officially approved for use in the food sector; water-repellent additives; siccatives; solvent: disaromatized white spirit (benzolefree - in compliance with purity demands of the European Pharmacopoeia).

Full declaration of ingredients upon request.

Technical Data

Specific gravity: 0.90 - 0.96 g/cm³

Viscosity: thixotrope, creamy

Odour: faint/mild, odourless after drying

CLEAR EXTRA THIN

Specific gravity: 0.85 g/cm³

Viscosity: 62", 2 mm according to DIN 53211, thin

Flashpoint: Flammable-Flashpoint Setaflash ASTM D > 55°C.

Dried surface hardly flammable according to TL A-053.

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

Caution

Keep out of the reach of children. Do not fill into containers normally used for food and drink. Work in areas with good ventilation. Do not apply in the presence of naked flames, hot surfaces or unprotected electrical equipment. In case of contact with eyes rinse immediately with plenty of water.

Wash out any used cloth immediately or store in airtight container (danger of combustion).

*The above information is given to the best of our knowledge but without liability.
(dated 07/2006)*