

## Product information: Wood Protector

### Description

Osmo Wood Protector is a unique preservative wood wax primer. It is based on natural oils and waxes and produced entirely without biocides and therefore absolutely safe for indoor use. It is extremely water-repellent.

This unique product offers - without employing biocides - the ideal possibility to protect indoor (and also outdoor) wood when there is a danger of blue stain and mildew i.e. pine and spruce floors and panelling in rooms and areas with high humidity and high temperatures which particularly further the growth of these wood pests.

Osmo Wood Protector is thin bodied and can therefore also be applied by dipping.

If possible it should be applied on all sides of the wood and requires a finishing coat within 7-10 days.

### Product based on natural oils and waxes

Osmo Wood Protector 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 Protector does not contain biocides nor preservatives. It is safe for man, animal and plant when dry and in compliance with German DIN 53 160 (fast to perspiration and saliva) and EURO Norm EN 71 (suitable for children's toys). Test certificates available upon request.

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, especially floors made from wood tending to attract blue stain (i. e. pine), window frames, wood in bathrooms etc.

Outdoor wood where a biocidefree impregnation is particularly desired: children's playground equipment, sandpits etc.

### Colour shade

No. 4006 Clear

**No. of applications.**

One

**Can sizes**

0.75 litre, 2.5 litres, 25 litres.

Larger volumes please enquire.

**Application quantity**

120-160 ml/sqm

dipping time: approx. 2 minutes

**Surface preparation**

Wood surface must be clean, dry (maxi-mum moisture content 20 %), and free from old paints and wood stains. It must also be frost-free.

**Compatibility**

Osmo Wood Protector is compatible with all commonly used glues and putties (except products containing silicone).

It can be used as a primer under Osmo Wood Wax Finishes Transparent and Opaque. All other Osmo Wood Finishes are applicable except Osmo One Coat Only (the extremely high solids content of this finish might result in a slightly uneven satin surface) and Osmo Fence And Garden Stain. Do not use under water-based stains.

**Corrosion**

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

**Method of application**

By brushing or dipping.

Osmo Wood Protector is ready to use. Please do not thin. Stir well. Apply generously - if possible on all sides of the wood. Leave approx. 24 hours to dry, ensuring good ventilation.

Then apply finishing coat.

Dipping time: approx. 2 minutes.

Drying time approx. 36 hours before application of finishing coat

**Further treatment of the wood**

Osmo Wood Protector is not a wood finish by itself.

It requires a finishing coat, preferably Osmo Wood Wax Finish, Polyx-Oil or Osmo Opaque Gloss Wood Stain within approx. one week after application.

**Cleaning of tools**

With Osmo Brush Cleaner (benzolefree) or white spirit.

**Drying time**

approx. 24 hours when brushing

approx. 36 hours when dipping

**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 its consistency under normal temperatures within 24-36 hours.

### Ingredients

Base: natural vegetable oils and waxes (sunflower oil, thistle oil, carnauba and candelilla wax, paraffines)

Additives: water-repellent additives, siccatives (drying agents)

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

### Technical Data

Specific gravity: 0.86 g/cm<sup>3</sup> at 20 °C

Viscosity: 60", 2 mm according to DIN 53 211, fluid

Odour: mild, odourless when dry

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 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 a airtight container (danger of combustion).

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