PRODUCT INFORMATION
WOOD PROTECTOR

BIOCIDE-FREE WAX IMPREGNATION - ESPECIALLY FOR APPLICATIONS IN WET ROOMS!





4006 Clear

PRODUCT DESCRIPTION:

Clear, microporous wood impregnation without biocides or preservatives. Due to its high physical wood protection, it is well suited for coating wood that is susceptible to blue stain. Osmo Wood Protector is highly water-repellent. This low viscosity impregnation should be, if possible, applied to all sides and requires a top coat within one week. For the top coat, our Osmo wood coatings, for example Osmo Wood Wax Finish, Polyx®-Oil or Wood Wax Finish Clear Extra Thin, are well suited. The dry coating is safe for humans, animals and plants (resistant to saliva and perspiration acc. German DIN 53160, suitable for children's toys acc. EN 71.3).

RECOMMENDED USE:

Osmo Wood Protector is suitable for all interior wood, for example wooden flooring made of wood species susceptible to blue stain (e.g. Pine), window frames and wood in bathrooms as well as ceiling panelling etc. when a biocide-free impregnation is desired.

INGREDIENTS:

Binding agent based on natural plant oils (sunflower oil, thistle oil) and waxes, paraffin, siccatives (drying agents) and water-repellent additives. Volatile components: dearomatised white spirit (benzene-free). Detailed declaration of ingredients available upon request.

TECHNICAL DATA:

Specific weight: 0,850-0,870 g/cm³ (DIN ISO 2811-2)
Viscosity: 35-45s (DIN EN ISO 2431/3mm)
Odour: faint/mild, odourless after drying
Flashpoint: >60°C (DIN EN ISO 2719)

STORAGE:

5 years or longer if stored in the originally closed container. If thickened by frost, store at room temperature for 24 hours prior to use.

SURFACE PREPARATION:

Wood surface must be clean, dry and frost-free (moisture content max. 20%). Osmo Wood Protector is ready to use, please do not thin. Stir well before use. Clean old microporous stains thoroughly. Old paints, varnishes and lacquers must be completely removed. Always wear a dust mask while sanding. Osmo Wood Protector is compatible with all conventional types of glue and putty (except for products containing silicone).

The finished surface and the product coverage are influenced by several factors, including the condition of the wood. Therefore, a trial application is always required, especially for unfamiliar surfaces.

METHODS OF APPLICATION:

Brush, roller or dip applications possible. Osmo Wood Protector is ready to use – do not thin. Apply the coating generously – if possible on all sides – to the clean, dry and frost-free wood. Dip application: dipping time approx. 2 minutes. Top coat should be applied within 1 week. Ventilate well. Application amount: 120-160 ml/m²

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CLEANING OF TOOLS:
With Osmo Brush Cleaner (free of aromatic compounds).

DRYING TIME:
Approx. 24-36 hours (normal climatic conditions, 20-23°C/ 50-65% rel. humidity). Ventilate well while drying. Lower temperatures and/or higher air humidity may increase drying times significantly.

COVERAGE:
Product coverage for 1 coat is 6-8.4 m²/1 l. It depends significantly on the character of the wood. All information refers to smooth and planed/cut surfaces. Other surfaces may lead to deviations in coverage.

RECOMMENDATION:
Ready to use - do not thin! Apply evenly to the clean wood surface with Osmo Flat Brush or Microfibre Roller along the wood grain and spread evenly (approx. 120-160 ml/m²). Application amount depends on wood texture and may vary greatly. The coating results vary depending on the wood moisture content (max. 20 %) and the condition of the wood, along with other factors. Therefore, a trial application should always be carried out - especially on unknown substrates! Not suitable for single product applications. Top coat the surface with an Osmo interior coating (Wood Wax Finish, Polyx®-Oil) within one week. If the wood should be coated with a polymer dispersion (Uviwax® or Interior-Wax (waterborne coatings)), leave the impregnation to dry for at least 72 hours! Ventilate well.

NOTE:
Oils enhance the natural tone of wood (permanent wet effect). When using Osmo Wood Protector on large areas under Osmo One Coat Only HSPlus, glossy spots may appear because of the extremely high content of solids in this stain. Due to the strongly water-repellent effect, leave to dry for at least 72 hours before applying a polymer dispersion (Uviwax® or Interior-Wax (waterborne coatings)).

CAUTION:
Keep out of reach of children. Safety data sheet available on request. Warning: Materials impregnated with liquid product, such as cloths, may self-ignite. After use, let the materials to dry completely either spread out flat or in a closed metal container and then dispose of them properly. EU limit value for this product (cat. A/h): 750 g/l VOC. This product contains max. 500 g/l VOC.

DISPOSAL:
Dispose of product residues according to the official guidelines (European Waste Code (EWC)-Code 08 01 12). Only completely emptied cans can be recycled.

COLOUR TONE:
4006 Clear

SIZE:
0.75 l; 2.5 l; 25 l

Product information provided above is based on current knowledge and is intended to advise the buyer/user to the best of our knowledge. However, this information must be adjusted/adapted individually to the areas of application and processing conditions. Unless we expressly guarantee the specific suitability or properties of products for a contractually specified purpose in writing, any application-related advice or information, even if provided to the best of our knowledge, shall be non-binding in all cases. In all other respects, our General Terms and Conditions of Sale and Delivery shall apply. Upon publication of a new version of this product information, the new information shall replace any previous product information.
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