PRODUCT INFORMATION
UV-PROTECTION-OIL

PERFECTLY PROTECTED AGAINST THE SUN – THE FIRST CLEAR UV PROTECTION FOR THE OUTDOORS!

410 Clear Satin

UV protection factor 12
Tested based on EN 927-6

PRODUCT DESCRIPTION:

Clear, satin wood finish for outdoor areas. Microporous surface allows the wood to breathe and reduces swelling and shrinkage. Water-repellent, will not crack, peel or flake. Simply apply without sanding. Easy and seamless application. Finish stays workable while coating. As a single product application, it blocks the greying process on vertical surfaces with a UV protection factor 12 in comparison to untreated wood when two coats are applied. The dry finish 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 UV-Protection-Oil is ideal for all vertical wood surfaces in outdoor areas: doors, windows, window shutters (dimensionally stable elements), carports, timber cladding, balconies, fences, pergolas, and garden sheds (dimensionally unstable elements).

INGREDIENTS:

Binding agent based on natural plant oils (sunflower oil, soybean oil, thistle oil and linseed oil), siccatives (drying agents) and additives. Dearomatised white spirit (benzene-free). Detailed declaration of ingredients available upon request.

TECHNICAL DATA:

Specific weight: 0.950-0.990 g/cm³ (DIN ISO 2811-2)
Viscosity: 55-70s (DIN 53211/4mm)
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 UV-Protection-Oil is ready to use. Do not thin. Stir well before use. If possible, please apply the first coat to all sides before installation. Fresh wood containing natural wood extractives and especially hardwood need to weather (for approximately 6 weeks) after installation. Through weathering, the wood becomes absorbent and the wood coating adheres optimally. A coloured base coat is recommended, e.g. Osmo One Coat Only, Exterior Oil Woodstain or Country Colour. For renovations, clean old microporous wood finishes thoroughly. Revive any already greyed wood with Osmo Wood Reviver Power-Gel before applying. Clean old microporous stains thoroughly. Old paints, varnishes and lacquers must be completely removed. Always wear a dust mask while sanding. Do not sand smooth surfaces finer than P120.

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.

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METHODS OF APPLICATION:

With Osmo Flat Brush or Osmo Microfibre Roller, apply thinly along the wood grain and spread very well. Also spread well into corners and curves. Allow to dry for approx. 12 hours under good ventilation. Then apply the second coat and spread very well. For recoating already coloured treated surfaces or for renovations, one coat applied to the clean and dry surface is usually sufficient.

CLEANING OF TOOLS:

With Osmo Brush Cleaner (free of aromatic compounds).

DRYING TIME:

Approx. 12 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 18 m²/1 l. It depends significantly on the condition 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 thoroughly 2x to the clean wood surface with an Osmo Flat Brush or Microfibre Roller and spread well along the wood grain. Coating results vary depending on the wood moisture content (max. 20%) and wood condition, along with other factors. Therefore, always carry out a trial application – especially on unknown substrates!

If additional protection, for example, against rot, blue stain or insect attack is required, the untreated wood should be pre-treated with Osmo WR Base Coat – on all sides if possible – before the first coat is applied. Depending on the desired level of protection, you can choose a variant containing biocidal active ingredients (chemical wood preservation) or one without biocides (physical wood preservation). It is essential to adhere to the drying times specified in the relevant product information.

NOTE:

Inspect the coating regularly (min. 1x annually, in particular areas exposed to weather). If necessary, clean the surface and recoat 1x thinly with Osmo UV-Protection-Oil. Horizontal elements mounted onto vertical wood should have at least a 15-degree angle. Sharp edges must be rounded (radius > 2 mm). If the natural greying process has already begun, revive the surface with Osmo Wood Reviver Power-Gel and apply 2 coats of Osmo UV-Protection- Oil. To achieve the UV protection factor 12, it is necessary to apply 2 coats of UV-Protection-Oil. With only 1 coat on untreated wood, the life of the coating is significantly shorter. Due to high oil content, the coating has a light yellowing effect when used as a top coat on white substrates. Therefore, we recommend using Exterior Oil Woodstain 900 White as a top coat in such cases. Oils enhance the natural wood colour (permanent wet effect).

CAUTION:

Harmful to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Avoid release to the environment. 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/e): 400 g/l VOC. This product contains max. 400 g/l VOC.

Always follow the information on the product label.

DISPOSAL:

Dispose of product residuals according to the official guidelines (European Waste Code (EWC)-Code 08 01 11*). Only completely emptied containers can be recycled.

COLOUR TONE:

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SIZE:

0.125 l; 0.75 l; 2.5 l; 3.0 l; 10 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.

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Upon publication of a new version of this product information, the new information shall replace any previous product information.
For information specific to a certain country or region, please consult your local wholesaler or dealer:
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