



UV-PROTECTION-OIL

Perfectly protected against the sun – the first clear UV protection for the outdoors!



410 Clear Satin



1 COAT

Product description:

Clear, satin wood coating based on natural oil for wood in 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. Coating stays workable while coating. As top coat on already colour treated wood, Osmo UV-Protection-Oil prolongs the renovation intervals significantly. 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 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 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). Also suitable for bamboo poles (e.g. in screens).

Ingredients:

Based on natural plant oils (sunflower oil, soybean oil, thistle oil and linseed oil), siccatives (drying agents) and additives. Dearomatized white spirit (benzene-free). EU limit value for this product (cat. A/e): 400 g/l VOC (2010). This product contains max. 400 g/l VOC. Detailed declaration of ingredients available upon request.

Technical Data:

Specific gravity: 0.9-1.0 g/cm³
 Viscosity: >50s DIN EN ISO 2431/3 mm, viscid
 Odour: faint/mild, odourless after drying

Flashpoint: > 60 °C, acc. DIN EN ISO 2719
 pH value: not required

Storage:

5 years and longer if stored in the closed original can. 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 hard wood needs to weather off (for approximately 6 weeks) after installation. Thereby the wood becomes absorbent and the wood coating adheres optimally. A coloured base coat is recommended, e.g. Osmo One Coat Only, Natural Oil Woodstain or Country Colour. For renovations, clean old microporous wood finishes thoroughly. Degrey any already greyed wood with Osmo Wood Reviver Power-Gel before applying Osmo 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. If additional protection against blue stain, rot and insects is desired, pretreat the wood if possible on all sides with Osmo WR Base Coat. The finished surface is influenced by several factors, including the condition of the wood. Therefore, a trial application is always required, especially for unfamiliar surfaces.

Methods of Application:

With Osmo Flat Brush or Osmo Microfibre Roller, apply thinly along the wood grain and spread well. Allow to dry for approx. 12 hours under good ventilation. Then



apply the second coat. When recoating colour treated surfaces, or for renovation works, 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, 23 °C/50 % rel. humidity). Ventilate well while drying. Lower temperatures and/or higher air humidity may increase drying times.

Coverage:

Product coverage for 1 coat is 18 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.

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, de-grey 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 Natural Oil Woodstain 900 White as a top coat in such cases. Oils enhance the natural wood colour (permanent wet effect).

Caution:

Keep out of reach of children. Do not get in eyes, on skin, or on clothing. If medical advice is needed, have product container or label at hand. Use only outdoors or in a well-ventilated area. Harmful to aquatic life with long lasting effects. Avoid release to the environment. Warning: Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition). The dried finish is classified as B2 (normal flammability) according to DIN 4102 regulations.

Disposal:

Dispose of product residuals and completely emptied containers according to the local official guidelines (EU-waste code key number 08 01 11*). Only fully emptied containers can be recycled.

Colour tone:

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Size:

0.75 l; 2.5 l; 25 l

The above mentioned information is provided to the best of our knowledge however without any liability.

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