



The Wood Component Company



Product information

425 Oak UV-Protection-Oil Extra

Transparent UV-Protection-Oil for exterior - satin matt -

Product description

Osmo Oak UV-Protection-Oil Extra is a satin-matt finish for exterior. It is based on natural oils, is microporous and does not crack, flake, peel or blister. As a stand alone finish, with two coats, it delays the greying process on vertical surfaces by UV-Protection factor 12 in comparison to untreated wood. The finish contains active ingredients which protect it from mould, algae and fungal attack. Easy to renew, no sanding or primer necessary. Easy to apply, will not dry during application.

Product based on natural oil

Osmo Oak UV-Protection-Oil Extra is based on natural vegetable oils. Natural oils penetrate deeply into the wood, keeping it elastic and healthy, and preventing it from drying and becoming brittle. The wood is allowed to breathe. Moisture can evaporate. Shrinking and swelling are reduced.

Health and environment

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).

Recommended use

For all vertical exterior woods (dimensionally and non-dimensionally stable): doors, windows and windowsills, carports, timber cladding, balcony, screens & fences, pergolas, garden houses and furniture.

Number of coats required

2 coats

Can sizes

0.75l ; 2.5 l; 10 l; 25 l

Coverage

Contents for approx. 60 m² with one coat

Stripped and rough sawn wood need more material because of their surface structure.

Surface preparation:

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

Osmo Oak UV-Protection-Oil Extra is ready to use, please do not thin, stir well before use. Clean old microporous finishes thoroughly. Remove old varnishes. Please do not sand even surfaces finer than P120. Always wear a dust mask when sanding. If additional protection against blue stain, rot and mildew is required for outdoors pre-treat (if possible from all sides) with Osmo Base Coat WR*

(*Use biocides safely. Always read the label and product information before use)

Methods of application

Apply evenly along the wood grain with either an Osmo Natural Bristle Brush or the Osmo Microfibre Roller and spread well. Allow for good ventilation whilst drying. Apply a second coat as before. When renovating clean the surface thoroughly and allow to dry before applying one further coat of Oak UV-Protection-Oil Extra. Make sure that the surface has been cleaned



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upfront. The finished surface is, among other things, influenced by the wood's natural characteristics, therefore a trial application is required before finishing.

Corrosion

In general the use of galvanised, non-oxidising nails and fasteners is recommended.

Cleaning of tools

Clean working utensils with Osmo Brush Cleaner (benzene-free)

Drying time: approx. 12 hours (normal climatic conditions, 23°C/50%, normal humidity).

Lower temperatures and/or high humidity can increase the drying time.

Renovation

Depending on the level of weathering apply 1 coat of Osmo Oak UV-Protection-Oil Extra after approx. 3-4 years on the cleaned and intact finish. In general, one has to take a shorter renovation time into account when surfaces are exposed to extreme weathering and surfaces where water cannot drain (horizontal surfaces) such as deckings, post caps, windowsills and garden chairs (furniture). If, however, the greying process has already begun revive the surface with the Osmo Wood Reviver and re-apply 2 coats of the Osmo UV-Protection-Oil Extra.

Note

Depending on the level of weathering apply 1 coat of Osmo Oak UVProtection- Oil Extra after approx. 3-4 years on the cleaned and intact finish. In general, one has to take a shorter renovation time into account when: surfaces are exposed to extreme weathering, using exotic wood species, surfaces where water cannot drain (horizontal surfaces) such as deckings, post caps, garden chairs (furniture) and windowsills. The Oak UV-Protection-Oil Extra is unsuitable as a stand alone finish for deckings. There should be a minimum 15 degree angle on architectural joinery on the horizontal. Sharp edges have to be rounded (corner radius > 2 mm). If the greying process has already begun revive the surface with the Osmo Wood Reviver and re-apply 2 coats of the Osmo Oak UV-Protection-Oil Extra. In order to achieve UV factor 12, it is very important to apply the Oak UVProtection- Oil Extra twice. When only 1 coat has been applied on an untreated wood, the durability will be reduced significantly. Owing to the high content of tannic acid, wet wood in combination with ferric oxide may change the colour of the wood.

The finish may be subject to partial flaking caused by the gradual washing out of tannic acid. Therefore, untreated or freshly sanded oak has to be weathered for at least 6 weeks.

Oil enhances the natural tone of wood (wet look).

Advice:

Damage caused during installation (fixing holes/cut edges) and other surface damages e.g. cracks should be treated immediately with two coats. These areas will grey quickly if left untreated.

Storage

Shelf life is 5 years or more if can is tightly closed. Store in a dry place. If thickened by frost it will regain a normal consistency under normal temperatures within 24 - 36 hours.

Ingredients

Based on natural vegetable oils (sunflower-oil, soya bean-oil, thistle-oil and linseed-oil), siccatives (drying agents) and additives. Disaromatized white spirit (benzene-free). This product fulfils EU-Regulation (2004/42/EC) according to the VOC limit value max. 400 g/l (Cat. A/e (2010)).

Full declaration of ingredients upon request.



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Technical data

Specific gravity (Density): 0.9 - 1.0 g/cm³
Viscosity: 70-100 s, 4 mm according to DIN 53211
Odour: low/mild, odourless after drying
Flashpoint: > 60°C (VbF A III) according to DIN 53213

Caution:

Keep out of the reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Contains 2-butanonoxime and propiconazole. May produce an allergic reaction. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas.

Warning: Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition). Safety data sheet available for professional user on request.

Additional information: Observe the general safety regulations when handling chemicals. Always wear a dust mask when sanding.

*The above information is given to the best of our knowledge but without liability.
(dated 11/2012)*



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