



UV-PROTECTION-OIL

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



410 Clear
Satin



1 COAT

PRODUCT DESCRIPTION

Osmo UV-Protection-Oil is a satin, clear finish for the exterior that is based on natural oils. Microporous and will not crack, flake, peel or blister. When used as a final finish after staining wood, Osmo UV-Protection-Oil prolongs the time between renovation significantly.

As a solitary finish, it delays the greying process on vertical surfaces by a UV-Protection factor of 12 in comparison to untreated wood. Easy to apply and renew with no sanding or primer necessary. When dry, the finish is safe for humans, animals and plants and is suitable for children's toys as per EN 71.3 (European norm) and resistant to perspiration and saliva in accordance with DIN 53160 (German industrial norm).

RECOMMENDED USE

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

CONTAINS

Based on natural vegetable oils (sunflower-oil, soya-bean-oil, thistle-oil, and linseed-oil), siccatives (drying agents) and additives. Dearomatized mineral spirit (benzene-free). Complies with Environment Canada VOC regulations (SOR/2009-264). Full declaration of ingredients 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
 Flash point: >60 °C acc. DIN EN ISO 2719

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.

PREPARATION

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

Osmo UV-Protection-Oil 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 P 120. Always wear a dust mask when sanding.

We recommend to apply a first coat with a pigmented oil such as One Coat Only, Natural Oil Wood Stain or Country Colour.

DIRECTIONS FOR USE

Apply evenly along the wood grain with either an Osmo Natural Bristle Brush or the Osmo Microfibre Roller - spread well. Allow for good ventilation whilst drying.

Apply a second coat as before. When applying on an already pigmented surface (or when renovating) 1 coat of the UV-Protection-Oil is enough.

Make sure that the surface has been cleaned prior to application. The finished surface is, among other things, influenced by the wood's natural characteristics, therefore a trial application is required before finishing.

NOTE

Osmo UV-Protection-Oil can also be sprayed. Due to the multitude of various machine types, exact specifications for pressure and spray heads cannot be given and always have to be determined for each individual application.



However, we should like to point out that optimal adhesion and surface quality is only guaranteed by spreading out the finish additionally with a natural bristle brush, e.g. Osmo Flat Brush.

While spraying, please ensure correct use of protective equipment. Avoid inhaling aerosols at all costs.

CLEANING OF TOOLS

Clean working utensils with Osmo Brush Cleaner & Thinner (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.

COVERAGE

1 litre covers approx. 194 ft² (18 m²) with one coat. Coverage depends significantly on the condition of the wood. All information refers to smooth and planed/sanded surfaces. Other surfaces may lead to differences in coverage.

NOTE

Tropical hardwoods or oily wood species must be weathered prior to application. Depending on the level of weathering apply 1 coat of Osmo UV-Protection-Oil after approx. 3 - 4 years on the cleaned and intact finish. In general, one has to take a shorter renovation time into account when: 1. surfaces are exposed to extreme weathering, 2. using exotic wood species, 3. surfaces where water cannot drain (horizontal surfaces) such as deckings, post caps, garden chairs (furniture) and windowsills.

The UV-Protection-Oil Extra is unsuitable as a solitary 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 UV-Protection-Oil. In order to achieve UV factor 12, it is very important to apply the UV Protection-Oil twice. When only 1 coat has been applied on an untreated wood, the durability will be reduced significantly.

Owing to the high oil content the clear UV-Protection-Oil shows a light yellowing effect when used as a final finish on white stained surfaces. Therefore, we recommend using Natural Oil Woodstain 900 white as a final finish for already white stained surfaces. Oil enhances the natural tone of wood (wet look).

HAZARD STATEMENTS



CAUTION

READ INSTRUCTIONS BEFORE USING

DANGER OF COMBUSTION. Do not get in eyes. Do not get on skin or clothing. Keep out of reach of children. Use only in a well-ventilated area. Keep away from flames or sparks. Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard.

FIRST AID TREATMENT. Contains aliphatic hydrocarbons. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water.

DISPOSAL

Dispose of leftover product and packaging in accordance with Local or Provincial recycling regulations

COLOUR TONE

410 Clear Satin

CAN SIZES

750mL; 2.5 L; 25 L

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

Version 10/17



UV-PROTECTION-OIL

EXTRA

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



420 Clear
Satin



PRODUCT DESCRIPTION

Transparent, satin, oil-based protective wood finish for exterior wood.

Microporous surface allows the wood to breathe and reduces swelling and shrinkage. Water-repellent surface does not crack, peel, flake or blister.

As top coat on already coloured treated wood, Osmo UV-Protection-Oil Extra extends intervals between renovations significantly.

When used alone, it prevents the greying process on vertical surfaces with a UV protection factor 12 in comparison to untreated wood when two coats are applied. The finish contains active ingredients that prevent mould, algae and fungal attack. Simply apply without sanding. Easy and seamless application. Finish stays workable while coating.

RECOMMENDED USE

Osmo UV-Protection-Oil is ideal for all vertical exterior wood surfaces: doors, windows, window shutters (dimensionally stable elements), carports, wood siding, balconies, fences, pergolas, and summer houses (dimensionally unstable elements).

Also suitable for bamboo poles (e.g. in screens).

CONTAINS

Based on natural vegetable oils (sunflower-oil, soyabean-oil, thistle-oil, and linseed-oil), siccatives (drying agents) and additives, biocidal active ingredient: Propiconazole. Dearomatized mineral spirit (benzene-free).

Complies with Environment Canada VOC regulations (SOR/2009-264). 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

Flash point: >60 °C acc. DIN EN ISO 2719

STORAGE

Up to 5 years and longer if can is kept dry and closed tightly. If thickened by frost, store for 24-36 hours at room temperature before use.

SURFACE PREPARATION

Wood surface must be clean, dry and frost-free (moisture content max. 20%). UV-Protection-Oil Extra is ready to use, please do not thin. Stir well before use.

Clean old microporous stains thoroughly. Old paints and lacquers must be completely removed. As a general rule, wear a dust mask during sanding works. Do not sand smooth surfaces finer than P120.

If possible, please apply base coat to all sides before installation. Fresh wood containing extractives and especially hard wood needs to weather off (for approximately 6 weeks) after installation.

Thereby the wood becomes absorbent and the wood finish adheres optimally. A base coat with a coloured finish is recommended, e.g. Osmo One Coat Only, Natural Oil Woodstain or Country Colour.

For renovations, clean old microporous wood finishes thoroughly. Clean and refresh already greyed or weathered wood at the same time with Osmo Wood Reviver Power-Gel.

The finished surface is influenced by several factors, including the wood's natural characteristics. Therefore, a trial application is always required, especially for unfamiliar surfaces.



DIRECTIONS FOR USE

Apply thinly along the wood grain with Osmo Natural Bristle Brush or Osmo Microfibre Roller and spread well. Allow to dry for approx. 12 hours with good ventilation. Then apply the second coat.
When applying to an already coloured treated surface or when renovating, one coat applied to the clean and dry surface is usually sufficient.

CLEANING OF TOOLS

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

DRYING TIME

Approx. 12 hours (normal climatic conditions, 23 °C/50 % rel. humidity). Lower temperatures and/or higher air humidity can increase the drying time. Allow for good ventilation while drying.

COVERAGE

1 litre covers approx. 194 ft² (18 m²) with one coat. Product coverage depends significantly on the character of the wood. All information refers to smooth and planed/cut surfaces. Other surfaces may lead to reduced coverage.

NOTE

Oils enhance the natural tone of wood (permanent wet effect). Depending on the degree of weathering, apply one coat of Osmo UV-Protection-Oil Extra to the cleaned and intact finish after approx. 3-4 years. For areas which are highly exposed to weather, such as weatherboard, post caps or window sills, please expect substantially shorter intervals between renovations. Vertical elements mounted onto horizontal wood should have at least a 15 degree angle. Sharp edges must be rounded (radius > 2 mm).
If the greying process has already begun, refresh the surface with Osmo Wood Reviver Power Gel and re-apply 2 coats of Osmo UV-Protection-Oil Extra. To achieve the UV protection factor 12, it is necessary to apply 2 coats of UV-Protection-Oil Extra. With only one coat on untreated wood, the life of the finish is significantly shorter. Due to the high oil content, clear UV-Protection-Oil Extra has a light yellowing effect when used as a finish on white substrates. Therefore as a top coat on white finished areas, we recommend Natural Oil Woodstain 900 White.

Osmo UV-Protection-Oil Extra contains biocides and therefore is only to be used on exterior areas. The added active ingredients delay or minimize the risk of algae and fungal attack. For effective protection, two coats are to be carried out. In accordance with the latest technical research, a permanent protection against algae and fungal attack can not be provided.

HAZARD STATEMENTS



CAUTION
READ INSTRUCTIONS BEFORE USING

DANGER OF COMBUSTION. Do not get in eyes. Do not get on skin or clothing. Keep out of reach of children. Use only in a well-ventilated area. Keep away from flames or sparks. Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard. Contains propiconazole. May produce an allergic reaction.

FIRST AID TREATMENT. Contains aliphatic hydrocarbons. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water.

DISPOSAL

Dispose of leftover product and packaging in accordance with Local or Provincial recycling regulations

COLOUR TONE

420 Clear Satin

CAN SIZES

750mL; 2.5 L; 25 L

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

Version 10/17



UV-PROTECTION-OIL TINTS

Perfectly protected against the sun – transparent, lightly pigmented UV-protection for the outdoors!



424 Spruce, transparent 425 Oak, transparent 426 Larch, transparent 427 Douglas Fir, transparent 428 Cedar, transparent 429 Natural, transparent

PRODUCT DESCRIPTION

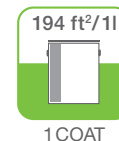
Transparent, lightly pigmented and satin, natural oil based wood finish for exterior use on vertical surfaces. Microporous surface allows the wood to breathe and reduces swelling and shrinkage. Water-repellent surface will not crack, peel, flake or blister. As top coat on already colour treated wood, Osmo UV-Protection-Oil Tints 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 finish contains active ingredients that prevent mould, algae and fungal attack. Without sanding, simply recoat. Easy and seamless application. Finish stays workable while coating.

RECOMMENDED USE

Osmo UV-Protection-Oil Tints is ideal for all vertical exterior wood surfaces: doors, windows, window shutters (dimensionally stable elements), carports, timber cladding, balconies, fences, pergolas, and summer houses (dimensionally unstable elements). Also suitable for bamboo poles (e.g. in screens).

CONTAINS

Based on natural plant oils (sunflower oil, soya oil, thistle oil and linseed oil), iron oxide and organic pigments, titanium dioxide (white pigment), siccatives (drying agents) and additives, biocidal active ingredient: Propiconazole. Dearomatized white spirit (benzene-free). Complies with Environment Canada VOC regulations (SOR/2009-264). Detailed declaration of ingredients available upon request.



TECHNICAL DATA

Specific gravity: 0.90-1.0 g/cm³
 Viscosity: >50s DIN EN ISO 2431/3 mm, viscid
 Odour: faint/mild, after drying odourless
 Flash point: >60°C according to DIN EN ISO 2719

STORAGE

Up to 5 years and longer if can is kept dry and closed tightly. If thickened by frost, store for 24-36 hours at room temperature before use.

SURFACE PREPARATION

Wood surface must be clean, dry and frost-free (moisture content max. 20%). UV-Protection-Oil Tints is ready to use, please do not thin. Stir well before use. If possible, please apply first coat to all sides before installation.

For renovation works, clean old microporous stains thoroughly – if necessary sand lightly. Clean and refresh already greyed or weathered wood at the same time with Osmo Wood Reviver Power-Gel.

Old paints and lacquers must be completely removed. As a general rule, wear a dust mask during sanding works. Do not sand smooth surfaces finer than grit P120.

The finished surface is influenced by several factors, including the natural characteristics of wood. Therefore, a trial application is always required, especially for unfamiliar surfaces.

Fresh wood containing extractives and especially hard wood needs to weather off for approximately 6 weeks after installation. Thereby the wood becomes absorbent and the oil finish adheres optimally.

If additional protection against blue stain, rot and insects is desired, pre-treat the wood if possible on all sides with Osmo WR Base Coat.



DIRECTIONS FOR USE

With Osmo Flat Brush or 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.

Alternatively the second coat can also be carried out with UV-Protection-Oil Extra Clear.

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 and Thinner (free of aromatic compounds).

DRYING TIME

Approx. 12 hours (normal climatic conditions, 23 °C/ 50 % rel. humidity). Lower temperatures and/or higher air humidity can increase the drying time. Allow for good ventilation while drying.

COVERAGE

1 litre covers approx. 194 ft² (18 m²) with one coat.

Coverage depends significantly on the condition of the wood. All information refers to smooth and planed/sanded surfaces. Other surfaces may lead to differences in coverage.

NOTE

Depending on the degree of weathering, apply one coat of Osmo UV-Protection-Oil Tints to the cleaned and intact finish after approx. 2-3 years.

For areas which are highly exposed to weather, such as weatherboard, post caps or window sills, please expect substantially shorter intervals between renovations. Vertical elements mounted onto horizontal wood should have at least a 15 degree angle. Sharp edges must be rounded (radius > 2 mm).

If the greying process has already begun, refresh the surface with Osmo Wood Reviver Power Gel and reapply 2 coats of Osmo UV-Protection-Oil Tints.

To achieve the UV protection factor 12, it is necessary to apply 2 coats of UV-Protection-Oil Tints. With only one coat or a second coat with UV-Protection-Oil Extra, Clear on untreated wood, the life of the finish is significantly shorter. Osmo UV-Protection-Oil Tints contains biocides and therefore is only to be used on exterior areas. The added active ingredients delay or minimize the risk of algae and fungal attack.

For effective protection, two coats are to be carried out.

In accordance with the latest technical research, a permanent protection against algae and fungal attack can not be provided.

Osmo UV-Protection-Oil Tints Natural 429 protects wood nearly invisibly. The natural wood tone is preserved - it does not enhance the the natural colour tone of the wood (no permanent wet look).

On dark/reddish wood species, Osmo UV-Protection-Oil Tints Natural is visible as slightly white chalky surface. A trial application is always recommended.

HAZARD STATEMENTS



CAUTION

READ INSTRUCTIONS BEFORE USING

DANGER OF COMBUSTION. Do not get in eyes. Do not get on skin or clothing. Keep out of reach of children. Use only in a well-ventilated area. Keep away from flames or sparks. Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard. Contains propiconazole. May produce an allergic reaction.

FIRST AID TREATMENT. Contains aliphatic hydrocarbons. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water.

DISPOSAL

Dispose of leftover product and completely emptied packaging according to local official guidelines (waste code number 08 01 11). Only completely emptied cans can be recycled.



COLOUR TONES

- 424 Spruce, transparent
- 425 Oak, transparent
- 426 Larch, transparent
- 427 Douglas Fir, transparent
- 428 Cedar, transparent
- 429 Natural, transparent

CAN SIZES

750mL; 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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