

WOOD STAIN AND PROTECTOR* - Product Information

**Exterior Wood Finish - semi-transparent - satin-matt
Contains active ingredients to protect the finish against
algae and mildew**

Available without active ingredients for industrial application

Description

OS COLOR WOOD STAIN AND PROTECTOR is a decorative, protective wood stain in semi-transparent colour shades for all exterior woodwork. It produces a smooth satin mat surface. Grain and texture of the wood are accentuated. OS COLOR WOOD STAIN AND PROTECTOR also prevents and protects against blue stain, rot and mildew.

OS COLOR WOOD STAIN AND PROTECTOR is natural oil based, micro-porous, moisture regulating, water-repellent and extremely weather and UV resistant. OS COLOR WOOD STAIN AND PROTECTOR will not crack, flake, peel or blister. It is easy to apply, will not dry during application (no brushmarks) and is easy to renew (just apply a further coat).

OS COLOR WOOD STAIN AND PROTECTOR is the ideal product also for trade and industry. It has been timetested for decades under the severest weather conditions. For industrial use (indoors and outdoors) it is also available without active ingredients.

Natural oil base

OS COLOR WOOD STAIN AND PROTECTOR is natural oil based. Natural oils penetrate deeply into the wood, keeping it elastic and healthy, and preventing it from getting dry and brittle.

Shrinking and swelling are reduced. The wood is allowed to breathe. Moisture can evaporate.

Health and environment

OS COLOR WOOD STAIN AND PROTECTOR is supplied with active ingredients against blue stain, rot and mildew in accordance with the latest results in technical research. It also is in accordance with rules and regulations now valid in countries of the European Community.

It complies with the demands of EURO-Norm standard specifications EN113 and EN 152.

The principle of OS COLOR 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 (quality management) and DIN EN ISO 14001 (environmental management) by the TÜV (Technical Control Board) Rhineland.



Uses

All exterior woodwork which is desired to maintain its natural appearance, like

wooden claddings, shakes, balconies, windows, clapboards, fascias, blinds, summer houses, flower boxes, green houses, pergolas, fences, screens, wooden grates and decks.

Colour range

Available in 13 semi-transparent natural colour shades.

No. 700 Pine

No. 701 Clear (No UV-Protection)

No. 702 Larch

No. 703 Mahogany

No. 706 Oak

No. 707 Walnut

No. 708 Teak

No. 712 Ebony

No. 726 Bark Grey

No. 727 Rosewood

No. 728 Western Red Cedar

No. 900 White

No. 903 Basalt Grey

No. 1415 Gard Green "new" 1415 = colour-shades of pressure-impregnated wood

All shades are intermixable.

When using several cans with different batch numbers please mix together in one large container to ensure uniform coloration.

As the transparent colour will be influenced by the natural colour of the wood, the result can deviate from the colour shown on the colour card. As a rule corresponding or slightly darker shades will give the best results (trial application recommended).

Light shades are less UV-resistant than dark shades and should preferably be used for sunprotected areas.

No. of coats required

two

- For renovation usually one coat

Can sizes

0.75 litre, 2.5 litres

Larger volumes please enquire.

Coverage

1 litre will cover approx.:

12 sq.m smooth wood, two coats

20 sq.m. smooth wood, one coat

Rough or striated wood in general needs more material due to its surface structure.

Surface preparation

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

Old paints and varnishes must be removed (by OS COLOR PAINT REMOVER or by sanding).

Old micro-porous stains need only be cleaned.

Where possible apply first coat on all sides of the wood before installation.

Wood extremely exposed to sun and rain pretreat with one coat of OS COLOR IMPREGNATION WR*.

Compatibility

Can be painted on

OS COLOR WOOD STAIN AND PROTECTOR*, OS COLOR ONE COAT ONLY
OS COLOR FENCE AND GARDEN STAIN^{ECOL}, OS COLOR CLEAR OIL WOOD FINISH,
OS COLOR WOOD OILS as well as other micro-porous stains and semi-oil wood finishes,

OS COLOR WR^{OP}* Wood Impregnation and pressure impregnated wood.

Corrosion

In areas of high humidity the use of galvanized, non-oxidizing nails and fasteners is recommended.

Method of application

OS COLOR WOOD STAIN AND PROTECTOR is ready to use.

Please do not thin. **Stir thoroughly.**

Apply by brush or roller, spreading out **thinly** and evenly along wood grain.

(Can also be applied by dipping or by brushing machine - for spraying purposes available without active ingredients in 25 l containers.)

Leave to dry for approx. 12 hours, providing good ventilation. Then apply second coat (when renovating one coat will usually be sufficient).

If a more satin surface is desired, finish with one coat of OS COLOR CLEAR OIL WOOD FINISH 000. This will also prolong the durability of the finish.

Cleaning of tools

With OS COLOR Brush Cleaner (benzole-free) or white spirit.

Drying time

approx. 12 hours - provide good ventilation (dust dry in approx. 4 hours)

Maintenance

Very simple. Just a further coat on clean, dry surface.

Storage

Can be stored up to 5 years or more if can is full and tightly closed. Store in dry place. If thickened by frost it will regain its normal consistency under normal temperatures within 24-36 hours.

Ingredients

35-40 % solids' content

Base: natural vegetable oils (sunflower oil, soybean oil), water-repellent additives, siccatives (drying agents).

Pigments: iron oxide and organic pigments, titanium dioxide (white pigment), all approved for use in the food sector

Solvents: disaromatized white spirit - (benzole-free in compliance with purity demands of the European Pharmacopoeia)

Full declaration of ingredients upon request

Technical Data

Specific gravity: 0.9 - 1.1 g/cm³

Viscosity: 60-70", 2 mm according to DIN 53 211, thin

Odour: mild, odourless after drying

Flashpoint: Flammable-Flashpoint Setaflash ASTM D > 55 °C.

Active ingredients: 0.7 % dichlofluanide 1.0 % zinc (as carboxylate)

Dried surface hardly flammable according to TL A-053.
Fire conduct in compliance with demands of German DIN 4102 (fire conduct of building materials and components) Class B2 (normal inflammability).

EURO NORM 113: preventive protective against rot and mildew.
EURO NORM 152: preventive protective against blue stain.

Precaution

Keep out of the reach of children. Do not fill into containers normally used for food and drink. Work in areas with good ventilation. Do not apply in the presence of naked flames, hot surfaces or unprotected electrical equipment. In case of contact with eyes rinse immediately with plenty of water.

Wash out any used cloth immediately or store in a airtight container (danger of combustion).

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

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