

Product information: One Coat Only HS^{Plus}

Enhancement for exterior and interior wood, minimum solvent content, semi-transparent, satin-matt

Description

Osmo One Coat Only HS^{Plus} is a semi-transparent, satin-matt exterior and interior wood finish with a minimum solvent content. It is bringing out the wood grain and texture.

Osmo One Coat Only HS^{Plus} is natural oil based and micro-porous. It does not crack, peel, flake or blister. Therefore, it is easy to renovate (simply over coat). Osmo One Coat Only HS^{Plus} is durable and weather and UV – resistant. It is water-repellent and moisture regulating, preventing the wood from swelling.

The water-free Osmo One Coat Only HS^{Plus} with minimum solvent content has a uniquely high solid content, which accounts for its large coverage. Even for exterior surfaces only one coat is required whereas with conventional stains 2-3 coats are normally necessary.

Osmo One Coat Only HS^{Plus} can be used without overlapping and does not dry while using. Due to the durability, high coverage, easy maintenance and the one-coat-system it is not only a very beautiful finish but also saving material, time and labour costs let alone the ecological aspects of the product.

Product based on natural oils

Osmo One Coat Only HS^{Plus} is based on natural vegetable oils. 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

Osmo One Coat Only HS^{Plus} does not contain biocides or preservatives. It is safe for man, animal and plant when dry and complies with German DIN 53 160 (fast to perspiration and saliva) and EURO Norm EN 71.3 (suitable for children's toys).

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) by the TÜV (Technical Control Board Rhineland).

Uses

All exterior woodwork which is expected to keep its natural appearance, such as horizontal and vertical sidings, windows, claddings, clapboards (shutters), carports, fences, pergolas, exterior plywood, shingles, beehives, dovecotes, summerhouses, green-houses, flower boxes etc. Also for interior wooden ceilings and panelling (Trial application recommended). Excellent to renew old micro-porous stains.

Colour Range

Osmo One Coat Only HS^{Plus} can be obtained in 12 natural wood shades and 4 special shades.

Natural Wood Shades:

- No. 9211 White Spruce
- No. 9221 Pine
- No. 9222 Natural Spruce
- No. 9232 Mahogany
- No. 9233 Hemlock Fir
- No. 9235 Canadian Red Cedar
- No. 9236 Larch

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No. 9241 Oak
No. 9261 Walnut
No. 9262 Teak
No. 9264 Rosewood
No. 9271 Ebony

Special Shades:

No. 9212 Silver Poplar
No. 9234 Scandinavian Red
No. 9242 Fir Green
No. 9252 Patina

All shades are intermixable. As it is a semi-transparent finish the final appearance will be influenced by the natural colour of the wood. As a rule it can be said that with the colour shades matching the colour of the wood or are a little bit darker the best results can be achieved. (trial application is recommended.) For surfaces that are heavily exposed to the weather and sun, please use darker colour shades as they have a better UV-Protection or if necessary over coat with the clear Osmo UV-Protection Oil.

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

No. of coats required

One (windows: final coat with the clear Osmo UV-Protection Oil)

Can sizes

0.375 litre, 0.75 litre, 2.5 litre, 25 litre

Coverage

Approx. 26 m²/litre on smooth/planed wood.

Owing to their surface structure ripped and raw sawn wood need much more material and with it achieve a higher pigmentation.

1 l = approx. 16m² ripped wood

1 l = approx. 10m² raw sawn wood

Surface preparation

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

Old paints and varnishes must be removed (by Osmo Paint Remover or by sanding).

Old micro-porous stains need only be cleaned or lightly sanded.

Hint: Please do not inhale the dust resulting from sanding raw or untreated wood. Please make sure that you follow the safety measures (protection mask, exhaustion etc.)

Only apply on frost-free wood. A trial coat is recommended. If additional protection against blue stain, rot and insect decay is desired for exterior wood surfaces (e.g. windows made of pine), pre-treat with Osmo WR Base Coat Aqua* and allow 12 hours to dry. (The wood surface has to be completely dry before coating with the final finish.)

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

Compatibility

Can be painted over: Osmo One Coat Only, Osmo Fence And Garden Stain, Osmo Wood Stain And Protector*, Osmo Impregnation WR* or other micro-porous stains. Pressure impregnated wood has to be weathered before application. A trial coat is recommended.

Corrosion

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

Method of application

By brushing. Not sprayable. Osmo One Coat Only HS^{Plus} is ready to use. Do not thin. Stir well. Use stiff quality brush (Osmo Natural Bristle Brush). Only dip the brush a little bit into the can and apply very thinly along wood grain. Apply thoroughly and evenly. Let it dry for approx. 12 hours.

Tip: If applied too thickly, this product may leave shiny areas. However, these shiny areas will weather naturally within a short period of time leaving an even, satin-matt appearance. If applying the product to interior timber, please remove any excess immediately with a lint-free cloth.

For windows or other surfaces exposed to weathering: apply second coat with the clear Osmo UV-Protection-Oil (please make sure that the first coat is fully dry)

The surface gets a slightly shiny appearance and with it improves the durability of the finish. If possible apply new wood from all sides.

Cleaning of tools

With Osmo Brush Cleaner (benzene-free) or white spirit.

Drying time

Approx. 12 hours - provide good ventilation - (dust dry - approx. 6 hours)

(When Osmo UV-Protection-Oil is used as a final coat let the Osmo One Coat Only HS^{Plus} dry for approx. 1-2 days before using Osmo UV-Protection-Oil)

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 normal consistency under normal temperatures within 24-36 hours.

Ingredients

Base: natural vegetable oil (sunflower oil)

Pigments: iron oxide and organic pigments, titanium dioxide, (white pigment)

Additives: siccatives (dryer) and water-repellent additives.

Solvent: disaromatized white spirit

This product fulfils EU-regulation (2004/42/EC) according to the VOC limit value of max. 400 g/l (Kat. A/e (2010)).

Further information is given upon request.

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Technical Data

Specific gravity: 1.0 - 1.2 g/cm³

Viscosity: 25 – 35 s, 4 mm according to DIN 53211, creamy

Odour: faint/ mild, odourless after drying

Flashpoint: > 61 °C

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. 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).

When dry, the finish complies with Category B2 of DIN 4102 (average flammability).

Disposal considerations

Only send totally empty cans to be recycled. Dispose of this material to hazardous or special waste collection point. European waste catalogue: 08 01 11. Product-Code: M-LL05.

The above information is given to the best of our knowledge but without liability.
(Dated 02/2009)