



2024

YOUR GUIDE TO NATURAL
EXTERIOR COATINGS.





WOOD THAT LASTS. It takes 100 years for a tree to grow into solid quality. In their 100 years as a company, Osmo has gathered experience in handling wood. Our attention to detail and expertise are devoted to the appropriate processing and long-term preservation of the valuable raw material wood.

COLOUR THAT PROTECTS. Only a finish that meets the needs of wood can preserve the natural beauty and durability of wood. More than 40 years ago, Osmo developed microporous wood finishes that are based on natural oils and waxes. With this the company has played a pioneering role in the field.

WOOD MEETS COLOUR

THE CONNECTION. Our passion for wood and coatings at Osmo flows directly into modern product development and research. To this day we are one of only few manufacturers who complete their value chain with wood coatings developed and produced in-house.

Wood and colour from one source – a combination you can rely on.

THIS IS OSMO



NATURALLY OSMO. BECAUSE
EXPERIENCE ADDS WISDOM.

LASTING BEAUTY THANKS TO NATURAL OILS AND WAXES

Wood is an organic work material. Its cells can absorb and release moisture. To retain this ability, we have developed coating systems perfectly geared towards the special properties of wood. Osmo coating systems are based on natural oils and waxes. Oil penetrates the wood surface and protects the wood from inside. Wax forms an elastic, microporous surface and protects the wood from outside. The wood stays beautiful for a long time and the coating stays elastic.

NATURAL: HEALTHY LIVING

Good for people and good for wood: sunflower, soybean, linseed and thistle oils are the basis for our coating systems. Our natural waxes are approved for the food industry; our pigments do not contain any harmful heavy metals. Deaeromatised white spirit ensures that the finishes are easy to apply.

HIGH COVERAGE: BIG SAVINGS

Osmo coating systems have an unusually high content of colour pigments and oils. Therefore they offer better coverage and deliver the desired results with as few as one or two coats, and no primer is needed. The bottom line: one can of Osmo coating covers much more square metres than conventional coating systems. This saves time and money.

FAST: NO SANDING NEEDED

Forget the time-consuming sanding work. Osmo coating systems can be easily renovated at any time. To do this, you do not even have to recoat the whole area.

Osmo coating systems – You will notice the difference

PRIVACY SCREENS



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**GARDEN
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END GRAIN SEALING WAX

- > Especially developed for sealing end grains – reduces the risk of cracking.

DECKING-OIL

Especially developed for the individual needs of numerous fine and soft woods!

- > Clear or transparent, satin, for exterior use
- > Highly recommended for timber decking and garden furniture
- > Decking-Oil smoothens the wood surface and makes it water and dirt-repellent.
- > Number of coats: two coats on raw wood. For renovation, normally one coat applied to the clean and dry surface is sufficient – without sanding.
- > Can sizes: 0.75 L; 2.50 L; 25.00 L
- > 1 litre covers approx. 24 m² with one coat.

ANTI-SLIP DECKING-OIL

Oil-based, slip-resistant coating – added safety for your family!

- > Number of coats: one top coat on decking already treated with a pigmented Osmo Decking-Oil. For renovation, normally one coat applied to the clean and dry surface is sufficient – without sanding.



Apply with:



004 Douglas Fir



006 Bangkirai



007 Teak, Clear*



009 Larch



010 Thermowood



013 Garapa



014 Massaranduba



016 Bangkirai Dark



019 Grey



021 Bog Oak



5735 End Grain
Sealing Wax, Clear



430 Anti-Slip
Decking Oil, Clear*

*Clear wood finishes do not protect against UV radiation from the sun (greying).



Safe for humans, animals & plants
(when dry)

Suitable for children's toys

Tested acc. DIN EN 71.3;
resistant to saliva and perspiration



ESPECIALLY FOR WINDOWS AND
DOORS: WHITE OPAQUE GLOSS
WOOD STAIN 2104* FROM OSMO

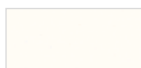
COUNTRY COLOUR

Colour variety and unrivalled durability – for all weather conditions!

- > Opaque, satin, for exterior use
- > Highly recommended for timber cladding, balconies, windows, summer houses, garden sheds and furniture etc.
- > Osmo Country Colour is weatherproof and robust against small damages.
- > Number of coats: two coats on raw wood. For renovation, normally one coat applied to the clean and dry surface is sufficient – without sanding.
- > Can sizes: 0.75 L; 2.50 L; 25.00 L
- > 1 litre covers approx. 26 m² with one coat*.



Apply with:



2101 White



2203 Light Ochre



2204 Ivory



2205 Sunflower
Yellow



2308 Nordic Red



2310 Cedar/
Redwood



2311 Signal Red



2404 Fir Green



2501 Labrador Blue



2506 Royal Blue



2507 Dove Blue



2606 Medium Brown



2607 Dark Brown



2703 Charcoal



2704 Dusk Grey



2708 Pebble Grey



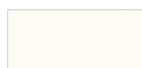
2716 Anthracite Grey



2735 Light Grey



2742 Traffic Grey



2104 White
(Opaque Gloss
Wood Stain)

*2nd coat=opaque



SIMPLE APPLICATION, HIGH HIDING POWER
AND A FINISHED SURFACE IN ONE DAY!

GARDEN COLOUR

Opaque wood finish in a multitude of colours – ideal for outdoor areas!

- > Opaque, satin, for exterior use
- > Best suited for all exterior wood: timber cladding, balconies, window shutters, fencing, pergolas, garden sheds, garden furniture and carports
- > Garden Colour is waterborne, fast-drying, sprayable, low-solvent as well as breathable and not only dirt-repellent but also extremely UV-resistant.
- > Two coats on an untreated substrate; for renovations, normally one coat on the clean surface is sufficient.
- > Can sizes: 0.75 L; 2.50 L
- > 1 litre covers approx. 16 m² with one coat.*



Apply with:



7103 Signal Yellow



7519 Capri Blue



7530 Flame Red



7629 Mint Green



7283 Pine Green



7511 Brown Red



7119 Grey Beige



7817 Chocolate Brown



7505 Jet Black



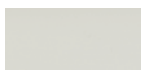
7716 Anthracite Grey



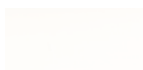
7542 Traffic Grey A



7738 Agate Grey



7535 Light Grey



7262 Pure white



7500 Traffic White

*2nd coat=opaque



BEAUTIFULLY GREYED WOOD FROM
THE VERY BEGINNING WITH NATURAL
OIL WOODSTAIN 905, 906, 907*.

NATURAL OIL WOODSTAIN

Base coat and stain combined in one coating – innovative, long-lasting, oil-based protection!

- > Transparent, satin, for exterior use
- > Highly recommended for timber cladding, carports, balconies, privacy screens, fencing etc.
- > Natural Oil Woodstain is water-repellent, weatherproof and UV-stable. The microporous and breathable surface is protected against mould, algae and fungal attack.
- > Number of coats: two coats on raw wood. For renovation, normally one coat applied to the clean and dry surface is sufficient – without sanding.
- > Can sizes: 0.75 L; 2.50 L; 25.00 L
- > 1 litre covers approx. 26 m² with one coat.



Apply with:



700 Pine
on Spruce



702 Larch
on Spruce



703 Mahogany
on Spruce



706 Oak
on Spruce



707 Walnut
on Spruce



708 Teak
on Spruce



710 Stone Pine
on Spruce



712 Ebony
on Spruce



727 Rosewood
on Spruce



728 Red Cedar
on Spruce



731 Oregon Pine
on Spruce



732 Light Oak
on Spruce



739 Silver Grey
on Spruce



900 White
on Spruce



903 Basalt Grey
on Spruce



701 Clear* matt,
without UV
protection

GREYING
STAINS:



905 Patina
on Spruce



906 Pearl Grey
on Spruce



907 Quartz Grey
on Spruce

*Matt top coat for vertical wood surfaces in outdoor areas



Film protection

Coating is protected
against mould, algae and
fungal attack

FURTHER GREYING STAINS CAN
BE FOUND ON PAGE 17.

NATURAL OIL WOODSTAIN EFFECT

For the demands of modern architecture – the innovative long-lasting protection in three attractive silver-metallic colours!

- > Transparent, satin, for exterior use
- > Highly recommended for timber cladding, carports, balconies, privacy screens and fencing etc.
- > Natural Oil Woodstain Effect is water-repellent, extremely weatherproof and UV-stable. The microporous and breathable surface is protected against mould, algae and fungal attack.
- > Number of coats: two coats on raw wood. For renovation, generally one coat applied to the clean and dry surface is sufficient – without sanding.
- > Can sizes: 0.75 L; 2.50 L
- > 1 litre covers approx. 26 m² with one coat.



Apply with:



1140 Agate-Silver
on Spruce



1142 Graphite Silver
on Spruce



1143 Onyx Silver
on Spruce



COVERS MORE, FASTER AND WITH
LESS PRODUCT!

ONE COAT ONLY HS^{PLUS}

Twice as much coverage thanks to high oil content – this saves time and money!

- > Transparent, satin, for exterior use
- > Highly recommended for timber cladding, balconies, roof soffits, garden sheds, privacy screens, fencing etc.
- > Osmo One Coat Only HS Plus smoothens the wood surface and will not crack, flake, peel or blister. The finish is durable, weatherproof, UV-stable, water-repellent. It regulates moisture and reduces swelling and shrinkage.
- > Number of coats: one coat is enough.
- > Can sizes: 0.75 L; 2.50 L; 25.00 L
- > 1 litre covers approx. 26 m² with one coat.



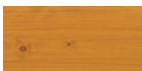
Apply with:



9203 Basalt Grey
on Spruce



9205 Patina
on Spruce



9206 Light Oak
on Spruce



9207 Quartz Grey
on Spruce



9211 White Spruce
on Spruce



9212 Silver Poplar
on Spruce



9221 Pine
on Spruce



9235 Red Cedar
on Spruce



9236 Larch
on Spruce



9241 Oak
on Spruce



9261 Walnut
on Spruce



9262 Teak
on Spruce



9264 Rosewood
on Spruce



9271 Ebony
on Spruce



**UV protection
factor**

Tested based on
EN 927-6

photo: Schwörer-Haus KG

UV-PROTECTION-OIL **EXTRA**:
PROTECTED AGAINST MOULD,
ALGAE AND FUNGAL ATTACK

UV-PROTECTION-OIL & UV-PROTECTION-OIL EXTRA

Optimal protection against the sun – the first clear oil-based UV protection for the outdoors!

- > Clear, satin, for exterior use
- > For all vertical wood surfaces in outdoor areas: timber cladding, roof soffits, balcony cladding, windows and doors etc.
- > As a single product application, it blocks the greying process with a UV protection factor 12 in comparison to untreated wood.
- > UV-Protection-Oil Extra contains active ingredients for the preventive protection of the coating against mould, algae and fungal attack.
- > Number of coats: two coats on untreated wood, for renovation one coat applied to a clean and dry surface suffices – without sanding.
- > Can sizes: 0.75 L; 2.50 L; 25.00 L
- > 1 litre covers approx. 18 m² with one coat.



Apply with:



410 Clear Satin
without film protection



420 Clear Satin
with film protection



Untreated or conventionally oil-treated wood
without UV protection



Wood treated with UV-Protection Oil



UV-PROTECTION-OIL **TINTS**:
PROTECTED AGAINST MOULD,
ALGAE AND FUNGAL ATTACK

UV-PROTECTION-OIL TINTS

Protected perfectly against the sun - transparent, lightly pigmented UV protection for outdoor areas!

- > Transparent, lightly pigmented, satin, for exterior use
- > For all vertical wood surfaces in outdoor areas: timber cladding, roof soffits, balcony cladding, windows and doors etc.
- > As a single product application, it blocks the greying process with a UV protection factor 12 in comparison to untreated wood.
- > The coating contains active ingredients for the preventive protection of the coating against mould, algae and fungal attack.
- > Number of coats: two coats on untreated wood, for renovation one coat applied to the clean and dry surface suffices – without sanding.
- > Can sizes: 0.75 L; 2.50 L; 25.00 L
- > 1 litre covers approx. 18 m² with one coat.



Apply with:



424 Spruce Satin,
with film protection



425 Oak Satin, with
film protection



426 Larch Satin,
with film protection



427 Douglas Fir
Satin, with film
protection



428 Red Cedar
Satin, with film
protection



429 Natural Satin,
with film protection



431 Light Red
Cedar Satin, with
film protection



432 Light Oak
Satin, with film
protection



CLEAR OIL WOOD FINISH

Extraordinarily versatile –
for special applications in outdoor areas!

- > Clear, for exterior use
- > Highly recommended as a top coat on Osmo One Coat Only HS^{Plus} or Country Colour, when a slightly glossy and low-maintenance surface is desired, except for white surfaces.
- > As a base coat, Clear Oil Wood Finish smoothens rough sawn and brittle wood; as a result, varying absorption rates of the wood are balanced out.
- > Not suitable for single product applications
- > Can sizes: 0.75 L; 2.50 L; 25.00 L
- > 1 litre covers approx. 16 m² with one coat.



Apply with:



000 Clear Satin



WR BASE COAT*

The special protective wood impregnation against insect and fungal attack!

- > Clear, for exterior use
- > Highly recommended for wood without structural loads or contact to the ground, such as windows, shutters, doors, pergolas, cladding and garden furniture
- > Osmo WR Base Coat is extremely water-repellent, reduces swelling and shrinkage, guards against wood pests, such as blue stain, rot and insect attack. Ideal is as a base coat for all oil-based finishes; all Osmo wood finishes are suitable as the required top coat.
- > Number of coats: One coat is enough; top coat is absolutely required within 6 weeks.
- > Can sizes: 0.75 L; 2.50 L
- > Application quantity: 160-225 ml/m²



Apply with:



4001 Clear

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



STAIN PROTECTION – ALSO
FOR STONE AND TERRACOTTA

STONE AND TERRACOTTA OIL

Ideal for protecting open surface stone and terracotta!

- > Clear, satin, for exterior use
- > Highly recommended as impregnation oil for open surface natural stone with a polished, sanded or break surface, artificial stone, paving and windowsills made of granite as well as limestone and slate
- > Stone and Terracotta Oil enhances the colour of the substrate, is water repellent, dirt and stain resistant and greatly reduces dust resulting from screed and concrete surfaces.
- > Number of coats: two coats on untreated substrates; for renovations, one coat applied to the clean and dry surface is sufficient.
- > Can sizes: 0.75 L; 2.50 L
- > Coverage: 1 litre covers approx. 32 m² with one coat. Product coverage varies greatly depending on the absorption rate of the substrate. This can lead to significant deviations.



Apply with:



620 Clear



GARDEN FURNITURE OIL

Protects, maintains and improves the appearance of furniture made of wood!

- > Clear oil-based wood finish for all wood in outdoor areas. Well-suited for the clear treatment of garden furniture and other similarly used surfaces.
- > Smoothens the wood surface and makes it water and dirt-repellent
- > Easy to renovate; no sanding or primer necessary
- > Can sizes: 1.00 L
- > 1 litre covers approx. 24 m² with one coat.



Apply with:



028 Clear



DECKING CLEANER

- > Highly effective concentrate for exterior use
- > Removes dirt and stains effectively
- > Sizes: 1.00 L; 5.00 L
- > 1 litre cleans approx. 30-100 m², depending on the amount of dirt and stains.



CLEANING TIP

For the optimal cleaning of your timber, WPC or BPC deck, Osmo offers the Decking and Flooring Cleaning Machine. Consult your local Osmo dealer.





WOOD REVIVER POWER-GEL

- > Specialised gel-like cleaner for exterior use
- > Removes greying reliably
- > Sizes: 0.50 L; 2.50 L with Decking Scrub Brush; 5.00 L; 10.00 L
- > 1 litre treats approx. 10 m², depending on level of greying.



PAINT REMOVER GEL

- > Gel-like oil finish remover for exterior use
- > Removes old oil-based finishes and wood stains
- > Sizes: 500 ml, 2.50 L with Decking Cleaning Brush, 5.00 L and 10.00 L
- > 1 litre covers approx. 5 m² with one coat, depending on existing surface conditions.





POLYMER COMPOSITE MAINTENANCE OIL

Ideal protection against dirt and stains!

- > Clear, satin, for exterior use
- > Suitable as a clear oil for maintaining and restoring weathered WPC or BPC. Especially suitable for decking, privacy screens and garden furniture made of WPC or BPC.
- > Not suitable for co-extruded and new surfaces
- > Penetrates the surface and will not form a film on the surface. Through the impregnation, the surface becomes water repellent as well as resistant to dirt and stains.
- > One coat on the cleaned surface is enough.
- > Can sizes: 1.00 L
- > 1 litre covers approx. 40 m² with one coat.



POLYMER COMPOSITE CLEANER*

- > Highly effective concentrate for exterior use
- > Cleans polymer composites reliably
- > Not suitable for co-extruded surfaces
- > Sizes: 1.00 L; 5.00 L
- > 1 litre cleans approx. 10-50 m², depending on the degree of dirt and stains.



*Apply to the complete area! Trial application is absolutely necessary!





BRUSH CLEANER AND THINNER

For cleaning work tools after applying Osmo wood finishes, oil or resin-based finishes. Cleans brushes quickly and easily.



FLAT BRUSH

Available in the widths: 25, 50, 60, 80 and 100 mm. Suitable for the application of all finishes from Osmo.



ROLLER AND BRUSH SET

For the manual application of all Osmo finishes. Contains roller tray with ridged area, disposable tray inserts (3 pieces), Microfibre Roller (100 mm wide), roller frame with connector for Osmo System Telescopic Handle, Flat Brush (60 mm).



DECKING BRUSH SET

Ideal for the manual application of Decking-Oils. Contains roller tray with ridged area, disposable tray inserts (3 pieces), Decking Brush with handle (150 mm wide) and connector for Osmo System Telescopic Handle, Flat Brush (25 mm).



DECKING BRUSH WITH HANDLE

Thanks to the ergonomic handle and connector for the Osmo System Telescopic Handle, it is suitable for manual applications with Decking-Oils. Available width: 150 mm



SYSTEM TELESCOPIC HANDLE

High quality aluminium Telescopic Handle with Soft-Touch grip and Quick Connect technology. Adjustable length: 120-200 cm.



DECKING CLEANING BRUSH WITH HANDLE

Thanks to the ergonomic handle and connector for the Osmo System Telescopic Handle, it is suitable for manual cleaning of smooth and profiled decking. Available width: 150 mm



HAND PAD HOLDER

With Superpads, ideal for the manual application of base coat wood finishes from Osmo. With Oil Finish Applicator Fleece, ideal for the application of Polyx®-Oils and TopOil.



OIL FINISH APPLICATION SET

For the simple and optimal application of all Osmo wood finishes on smooth subsurfaces. Set contains one Hand Pad Holder, two Oil Finish Application Fleece, roller tray 22 x 20 cm and three tray inserts.



PAD HOLDER WITH JOINT

For the manual application of base coat wood finishes from Osmo and for the intensive cleaning of edges and corners. Includes connector for Osmo System Telescopic Handle.



EASY PADS

Specialised cloths for cleaning and maintaining oiled and waxed wood surfaces. Also suitable for an even application of Osmo Wood Wax Finish.



DECKING AND FLOORING CLEANING MACHINE

Suitable for the home and garden. Loosens and removes dirt in one clean work step.



COATING TECHNICALLY MODIFIED TIMBER

As alternative to tropical hardwoods, even more and more so-called technically modified wood species are entering the market. Through this modification, not only the natural wood properties are changed but also changes in the coating properties.

In the following, we present the most important types of technically modified timber and explain the possibilities for coating these with Osmo wood finishes.

PRESSURE IMPREGNATED PINE (GREEN / GREY)

Due to impregnation salts, finish absorption directly after the processing is restricted. By weathering off for approx. six months, excess salt is washed out and the wood can then absorb the protective finish. Additional coating with impregnation is not necessary. After weathering off, we recommend degreying wood with our Wood Reviver Power-Gel and then apply the coating. On pressure impregnated Pine, all exterior Osmo finishes can be used.

THERMALLY MODIFIED TIMBER

Thermally modified timber (TMT) is prone to grey very fast. For this reason, we recommend coating the timber within the first two weeks after processing. An additional impregnation coating is not absolutely necessary. On thermally modified timber, all exterior Osmo finishes can be used. Due to its good absorption qualities for oils, more finish may be needed.

ACCOYA® TIMBER

Through the acetylation of the timber, it is generally more durable, dimensionally more stable and lasts longer. An additional impregnation coating is necessary if lightly coloured wood stains are to be used, as acetylated timber (usually acetylated *Pinus radiata*) is more susceptible to blue stain. Afterwards acetylated timber can be coated with any exterior Osmo finish without any problems.

KEBONY® TIMBER

Through the impregnation with Furfuryl alcohol, the wood cells are crosslinked and thus moisture absorption is greatly reduced. An additional impregnation coating is, however, still recommendable, since the impregnated timber is susceptible to black mould. Kebony® timber can be coated with any exterior Osmo finish directly after the processing.

DAUERHOLZ TIMBER

Through the impregnation with paraffin wax, there is a risk that the wax is released again when the timber is under extreme weather conditions (heat). Even when priming, obtaining good penetration and an optimal bond between our finishes and the wood is difficult due to the wax. Therefore we cannot recommend coating Dauerholz timber with an exterior Osmo finish.

WOOD SPECIES RICH IN EXTRACTIVES

Please note that weathering the surface increases the finish absorption of the timber fundamentally. Therefore it is also recommended for technically unmodified timber, especially wood species rich in extractives (also European Oak), to wait for the appropriate time to coat the timber. Further details can be found in the respective production information sheet.





IDEAS WITHOUT LIMITS. NCS AND
RAL COLOURS UPON REQUEST.



NO MATTER WHAT FINISH YOU GIVE YOUR LIFE – OSMO HAS THE RIGHT COLOURS.

All the colours from one product can be mixed with each other. If you prefer to leave the mixing to the experts, we can gladly do it for you.

Microporous, oil-based Osmo Country Colour is available in almost all RAL and NCS colours – by the way, Osmo Natural Oil Woodstain and Garden Colour, too.

Colours mixed to order in our laboratories are available upon request from your local Osmo dealer at small surcharge. Minimum order amount is only 2.5 litres per colour.

Colours mixed to order are approximate colour tones. Effect, fluorescent and metallic colours are not available.

Stains allow the subsurface to shine through. Depending on the wood species, the appearance of the colour tone may differ visually from the RAL /NCS colour code book.

Original RAL 8028

opaque

transparent

**Osmo Holz und Color
GmbH & Co. KG**

Affhüppen Esch 12
D-48231 Warendorf

Telephone +49 (0)2581/922-100
Telefax +49 (0)2581/922-200

PO Box 110161
D-48203 Warendorf

www.osmo.com
info@osmo.de

Please contact us for further information:

