

COATING SYSTEMS

for machine applications



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Gain the competitive edge.

OSMO: YOUR RELIABLE PARTNER

Use the full potential of high-performance Osmo coating systems.

**THE RIGHT
PRODUCT FOR
EVERY RE-
QUIREMENT**

Osmo coating systems are designed to achieve outstanding results for all requirements. Whether on small or large-scale coating machines, the Osmo range offers the right product for every application.

This flexible use of our first-class coating systems has many advantages. For example, the fast worldwide availability of our products, their consistently high quality and their simple application. This makes work processes noticeably more efficient.



MORE FLEXIBILITY

Osmo wood coatings are suitable for machine applications - on all types and sizes of machinery.



MORE POSSIBILITIES

Osmo products are available quickly worldwide.



MORE SERVICE

We provide individualised support for optimal machine settings.



ADVANTAGES

- > Regardless of whether manual or machine application, Osmo coating systems can be optimally applied
- > Osmo coating systems are quickly available worldwide
- > Efficient and smooth work processes
- > Osmo coating systems offer suitable solutions for every plant size

The right settings for every machine

Osmo is one of the most innovative pioneers in the field of modern coating systems. For more than 60 years, the products have been setting standards when it comes to the perfect coating of wood.

Knowledge not only out of the lab

Osmo tests their systems not only in the laboratory. From the very beginning, the products have also been used to finish the company's own wood products and have been used for this purpose on a wide variety of machines, such as those used in industrial and craft businesses. This is why Osmo developers and technicians have first-hand knowledge of the requirements and challenges of everyday production. This enables them to perfectly adapt the properties of our coatings to individual requirements.

When it comes to quality, Osmo also makes no differences: regardless of whether the products are used on the company's own coating systems or offered for sale, you can rely on the best quality from Osmo. The company's own claim is optimal and complaint-free surfaces.

Directly available worldwide

In more than 70 countries, our experienced sales partners answer all questions about Osmo coating systems, about the maintenance and value retention of surfaces treated with Osmo products, and about our wide range of products. This global network of experts makes it possible to use the full power of the strong Osmo brand for your own business success.



Service: With Osmo, everything is included.

- > Needs assessment
- > Product proposals
- > Determining production parameters
- > Individualised application recommendation
- > Supervised pilot application
- > Process optimisation
- > Support in series production
- > Performance analysis

INTERIOR

Profiled wood

Mouldings

Planed wood

Furniture

Panelling

Stairs

Flooring



Systems for: → Profiled wood → Mouldings → Planed wood

INDUSTRIAL PRIMER

Base coat for wood

DRIED SURFACE

- > Unfinished surface
- > Properties result from top coat

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > 1-pot system + top coat
- > Opaque
- > Low-solvent



CHOICE OF COLOUR

WATER-BORNE



ADDITIONAL INFO

- > Physical drying
- > Drying time 4-6 hours
- > Accelerated in-line drying possible
- > 1 or more coats possible
- > Good hiding power with one coat
- > Recoatable with various systems
- > Suitable for all machine sizes



MATERIAL REQUIREMENTS

- > Approx. 60-120 g/m² per coat



SIZES

- > From 25-1000 litres



APPLICATIONS



Brush coater



Spray unit



Curtain coating



Vacuum coating

Systems for: → Profiled wood → Mouldings → Planed wood → Furniture

UVIWAX®

Coating for softwood with unique UV protection

Osmo Uviwax® is a clear or transparent, satin coating system for the interior. It can be used on all European wood species and is suitable, for example, as a one-product coating system for wall and ceiling panelling as well as cupboards and doors. The surface guards the lignin in the wood against damaging UV rays. This significantly reduces the yellowing of wood, and the natural wood colour is preserved for a long time. Osmo Uviwax® creates a surface that is pleasant to the touch, lastingly dirt-resistant, water-repellent and wear-resistant.

Depending on the required production quantities, there is a choice between two product versions: Standard Uviwax® is suitable for manual or machine applications. Industrial Uviwax® is especially formulated for use in large-scale industrial production facilities and offers optimised processing properties.

**WATER-
BORNE**



DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Suitable for wood and microporous

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > **Uviwax®**: 1-pot system
- > **Industrial Uviwax®**: 2- pot system consisting of base coat and top coat
- > Clear or transparent
- > Low-solvent

Uviwax® colour range



7200 Clear



7266 White Spruce transparent



UVIWAX®



ADDITIONAL INFO

- > Physical drying
- > Drying time 4-6 hours
- > 2 coats for a finished surface
- > Guards the lignin in the wood against damaging UV rays
- > The natural yellowing of wood is significantly reduced
- > Surface with a wax-like character
- > Suitable for all machine sizes



SHEEN

- > Satin



MATERIAL REQUIREMENTS

- > Approx. 65 g/m² per coat



SIZES

- > From 0.75-25 litres

INDUSTRIAL UVIWAX®



ADDITIONAL INFO

- > Base coat: physical drying
- > Top coat: physical drying and UV curing
- > Drying time 4-6 hours
- > Accelerated in-line drying possible
- > 1 base coat and 1 top coat for a finished surface
- > Guards the lignin in the wood against damaging UV rays
- > The natural yellowing of wood is significantly reduced
- > Surface with a wax-like character
- > Optimised for large-scale industrial machines



SHEEN

- > Satin



INDUSTRIAL MATERIAL REQUIREMENTS

- > Approx. 100 g/m² base coat and approx. 80-90 g/m² top coat



INDUSTRIAL SIZES

- > From 25-1000 kg



APPLICATIONS



Manual application



Manual spraying



Brush coaters



Spray units



APPLICATIONS



Brush coater



Spray unit



Curtain coating



Vacuum coating

Systems for: → Profiled wood → Mouldings → Planed wood → Furniture

INTERIOR-WAX

Hard-wearing, white coating
with wax-like character

Osmo Interior-Wax is a white transparent or opaque, satin, hard-wearing wood coating. It is suitable for the protection and decorative finishing of interior wood, such as wall and ceiling panelling, mouldings and beams as well as furniture, doors and children's toys. The coating creates a stain-resistant, water-repellent, wear-resistant surface that is pleasant to the touch and leaves the wood grain noticeable.

Depending on the required production quantities, there is a choice between two product versions: **Standard Interior-Wax** range can be processed in manual or machine applications. **Osmo Industrial Interior-Wax** is optimised for large-scale industrial plants and can also be used for curtain and vacuum coating.

WATER-
BORNE



DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Suitable for wood and microporous

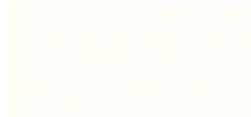
COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > **Interior-Wax:** 1-pot system
- > **Industrial Interior-Wax:** 2- pot system consisting of base coat and top coat
- > Transparent or opaque
- > Low-solvent

Interior-Wax colour range



7393 White Transparent



7394 White Opaque



INTERIOR-WAX



ADDITIONAL INFO

- > Physical drying
- > Drying time 3-4 hours
- > 2 coats for a finished surface
- > Good hiding power with one coat
- > Reduces the appearance of knots and natural yellowing
- > Surface with a wax-like character
- > Suitable for all machine sizes



SHEEN

- > Satin



MATERIAL REQUIREMENTS

- > Approx. 65 g/m² per coat



SIZES

- > From 0.75-25 litres

INDUSTRIAL INTERIOR-WAX



ADDITIONAL INFO

- > Base coat: physical drying
- > Top coat: physical drying and UV curing
- > Drying time 4-6 hours
- > Accelerated in-line drying possible
- > 1 base coat and 1 top coat for a finished surface
- > Good hiding power with one coat
- > Reduces the appearance of knots and natural yellowing
- > Surface with a wax-like character
- > Optimised for large-scale industrial machines



SHEEN

- > Satin



INDUSTRIAL MATERIAL REQUIREMENTS

- > Approx. 100 g/m² base coat and approx. 80-90 g/m² top coat



INDUSTRIAL SIZES

- > From 25-1000 kg



APPLICATIONS



Manual application



Manual spraying



Brush coater



Spray unit



APPLICATIONS



Brush coater



Spray unit



Curtain coating



Vacuum coating

PORE FILLER AQUA

Pigmented, pore-filling primer for large-porous wood species or fibre materials

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 1-pot system + top coat
- > Opaque
- > Low-solvent

DRIED SURFACE

- > Unfinished surface
- > Properties result from top coat

**WATER-
BORNE**



ADDITIONAL INFO

- > Physical drying
- > Drying time 4-6 hours
- > Accelerated in-line drying possible
- > 1 or more coats possible
- > Good hiding power with one coat
- > Thixotropic, no collapsing, high layer thicknesses possible
- > High filling power
- > Very good sanding properties
- > Recoatable with various systems



MATERIAL REQUIREMENTS

- > Approx. 100-200 g/m² per coat



SIZES

- > From 2.5-10 litres



APPLICATIONS



Manual
spraying



Spray unit

OIL STAIN

Coloured base coat with variable colour intensity

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 1-pot system + top coat
- > Transparent
- > Solvent content

DRIED SURFACE

- > Unfinished surface
- > Properties result from top coat

Oil Stain colour range



3501 White transparent (1x / 2x)



3512 Silver Grey transparent (1x / 2x)



3514 Graphite transparent (1x / 2x)



3516 Jatoba transparent (1x / 2x)



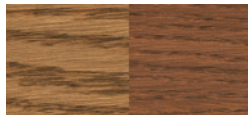
3518 Light Grey transparent (1x / 2x)



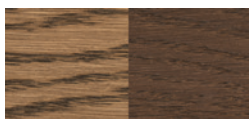
3519 Natural transparent (1x / 2x)



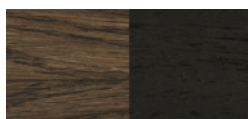
3541 Havanna transparent (1x / 2x)



3543 Cognac transparent (1x / 2x)



3564 Tobacco transparent (1x / 2x)



3590 Black transparent (1x / 2x)

OIL-BASED



ADDITIONAL INFO

- > Oxidation drying
- > Drying time 12 hours
- > 1 or 2 coats possible
- > Even colour as well as a harmonious appearance
- > Applications with hardener possible for an accelerated drying
- > 48 1:1 colour mixtures possible
- > Applicable on smaller roller units



MATERIAL REQUIREMENTS

- > Approx. 20-40 g/m² per coat



SIZES

- > From 0.5-2.5 litres



APPLICATIONS



Manual application



Roller coater



Manual spraying



Spray unit

Systems for: → Panelling → Stairs → Furniture → Planed wood → Mouldings

SPRAY-WAX

Hardwax-oil formulated for spray applications

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 1-pot system
- > Clear, transparent or opaque
- > Solvent content

DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Resistant to wine, beer, cola, coffee, water etc. according to DIN 68861-1A
- > Suitable for wood and microporous



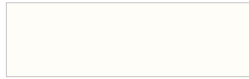
Spray-Wax colour range



3009 Clear Semi-Matt



3010 Natural Transparent



3012 White Opaque



3013 Black Opaque Satin-Gloss



3049 Black Opaque Matt



3050 White Opaque



3066 White Transparent



3084 Clear Matt



3085 Clear Satin



3086 Clear Glossy



ADDITIONAL INFO

- > Oxidation drying
- > Drying time 6-8 hours
- > 2 coats for a finished surface
- > Very high mechanical and chemical resistance at very low application amounts
- > Pleasant surface feel
- > Suitable for all machine sizes



SHEEN

- > Glossy
- > Satin
- > Semi-Matt
- > Matt



MATERIAL REQUIREMENTS

- > Approx. 20-40 g/m² per coat



SIZES

- > From 1-25 litres



APPLICATIONS



Manual spraying



Spray unit

Systems for: → Panelling → Stairs → Furniture → Planed wood → Mouldings

INDUSTRIAL WOOD WAX FINISH

Hardwax-oil formulated for industrial applications

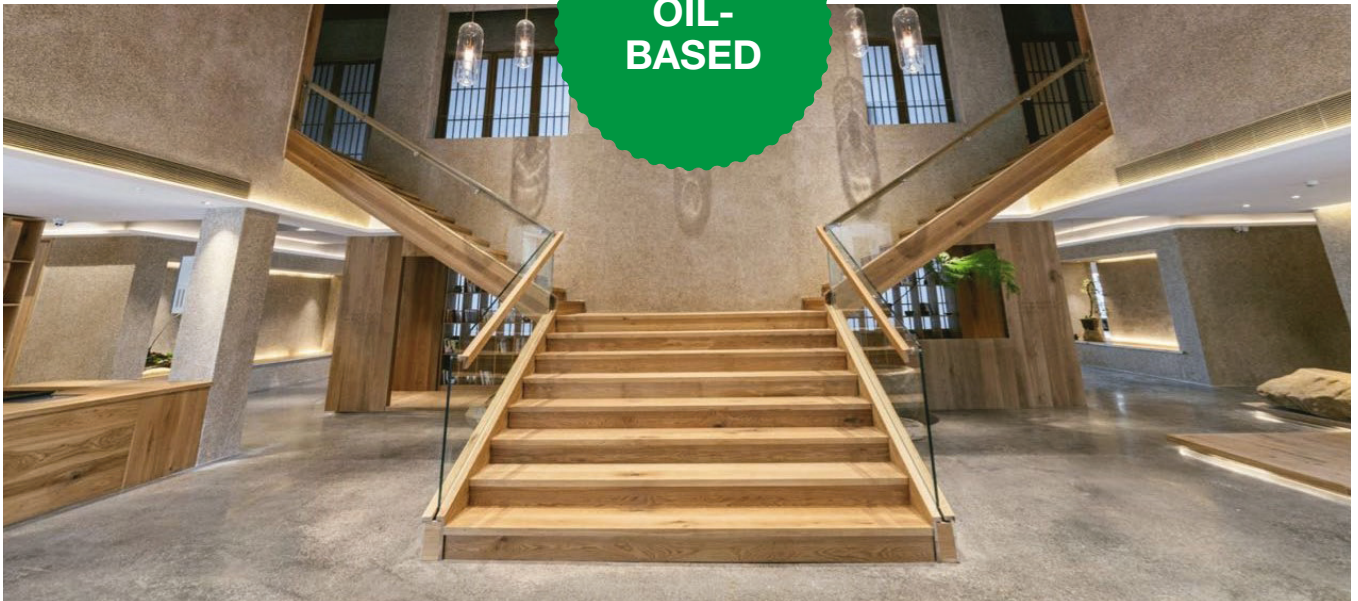
COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 1-pot system
- > Clear
- > Solvent content

DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Resistant to wine, beer, cola, coffee, water etc. according to DIN 68861-1A
- > Suitable for wood and microporous

OIL-BASED



ADDITIONAL INFO

- > Oxidation drying
- > Drying time 6-8 hours
- > 2 coats for a finished surface
- > Very high mechanical and chemical resistance at very low application amounts
- > Pleasant surface feel
- > Suitable for all machine sizes



SHEEN

- > Satin
- > Matt



MATERIAL REQUIREMENTS

- > Approx. 20-40 g/m² per coat



SIZES

- > From 10-25 kg



APPLICATIONS



Manual spraying



Dipping



Spray unit

Systems for: → Flooring

RAW LOOK PRIMER

Pre-treatment for a “nearly” invisible surface treatment

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > 1-pot system + top coat
- > Clear
- > Low-solvent

DRIED SURFACE

- > Unfinished surface
- > Properties result from top coat

WATER-BORNE



ADDITIONAL INFO

- > Physical drying
- > Drying time 2-4 hours
- > Accelerated in-line drying possible
- > 1 coat
- > For all light-coloured wood species
- > With binding agent content
- > Produces a “like untreated” look
- > Suitable for all machine sizes



MATERIAL REQUIREMENTS

- > Approx. 30-50 g/m² per coat



SIZES

- > 10 kg



APPLICATIONS



Roller coater



Manual spraying



Spray unit

Systems for: → Flooring → Mouldings → Profiled wood

WHITE LYE

Pre-treatment for “Scandinavian white” softwood surfaces

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > 1-pot system + top coat
- > Transparent
- > Solvent-free

DRIED SURFACE

- > Unfinished surface
- > Properties result from top coat

WATER-BORNE



ADDITIONAL INFO

- > Physical drying
- > Drying time 2-4 hours
- > Accelerated in-line drying possible
- > 1 coat
- > For all coniferous wood species
- > Reduces the typical yellowing of softwood
- > Produces the typical bright, white, slightly aged look of lye
- > Suitable for all machine sizes



MATERIAL REQUIREMENTS

- > Approx. 25-50 g/m² per coat



SIZES

- > 10 and 25 kg



APPLICATIONS



Roller coater



Manual spraying



Spray unit

Systems for: → Flooring → Furniture → Panelling

PIGMENT STAIN

Pre-treatment for especially intense coloured and multi-coloured surfaces

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > 1-pot system + top coat
- > Transparent or opaque
- > Solvent-free

DRIED SURFACE

- > Unfinished surface
- > Properties result from top coat



WATER-BORNE



ADDITIONAL INFO

- > Physical drying
- > Drying time 2-4 hours
- > Accelerated in-line drying possible
- > 1 coat
- > For all European wood species
- > High pigment content
- > Produces multi-coloured transparent to highly opaque looks
- > Suitable for all machine sizes



MATERIAL REQUIREMENTS

- > Approx. 20-40 g/m² per coat



SIZES

- > 10 kg



APPLICATIONS



Roller coater



Manual spraying



Spray unit

Systems for: → Flooring → Mouldings → Panelling

REACTIVE STAIN

Pre-treatment for especially natural-looking “vintage” surfaces

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > 1-pot system + top coat
- > Transparent
- > Solvent-free

DRIED SURFACE

- > Unfinished surface
- > Properties result from top coat

Reactive Stain colour range



Grey Effect light



Grey Effect medium



Grey Effect intense



ADDITIONAL INFO

- > Physical drying
- > Drying time 2-4 hours
- > Accelerated in-line drying possible
- > 1 coat
- > For all wood species containing tannic acid
- > Immediate reaction to wood extractives
- > Produces a grey or brown, aged look
- > Suitable for all machine sizes



MATERIAL REQUIREMENTS

- > Approx. 20-40 g/m² per coat



SIZES

- > 10 kg



APPLICATIONS



Roller coater



Manual spraying



Spray unit

Systems for: → Flooring → Stairs → Furniture → Panelling

2K WOOD OIL

1-coat wood oil for all wood species

DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Resistant to wine, beer, cola, coffee, water etc. according to DIN EN 12720
- > Suitable for wood and microporous

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 1-pot system
- > Transparent
- > Solvent-free

2K Wood Oil colour range



6100 Clear



6112 Silver Grey



6116 Cherry



6119 Natural



6143 Cognac



6190 Black



6111 White



6114 Graphite



6118 Light Grey



6141 Havanna



6164 Tobacco



ADDITIONAL INFO

- > Chemical cross-linking
- > Dry to pack after approx. 6-8 hours
- > Fully cured after approx. 24 hours
- > 1 coat
- > For all wood species
- > Even colour, simple cleaning and maintenance, spot-repairable
- > Finished surface ready for immediate use
- > Non-slip surface R10
- > Applicable on smaller roller units



SHEEN

- > Matt



MATERIAL REQUIREMENTS

- > Approx. 20-25 g/m²



SIZES

- > 1 litre



APPLICATIONS



Manual application



Roller coater

Systems for: → Flooring → Panelling

SMART OIL

1-coat industrial hardwax-oil

DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Suitable for wood and microporous

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 1-pot system
- > Transparent
- > Solvent-free



OIL-BASED



→ ADDITIONAL INFO

- > UV curing
- > Immediately dry to touch
- > 1 coat
- > For all wood species
- > Homogenous, natural appearance
- > Immediately ready for residential use
- > Initial care treatment recommended for commercial use
- > Suitable for all machine sizes

→ SHEEN

- > Matt

→ MATERIAL REQUIREMENTS

- > 12-18 g/m²

→ SIZES

- > 5 kg / 10 kg / 25 kg

→ APPLICATIONS



Roller coater



Spray unit

Systems for: → Flooring → Furniture → Panelling

Original, Tints, Effect

POLYX®-OIL

2-coat oxidation-drying hardwax-oil

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 1 or 2-pot system
- > Clear or transparent
- > Solvent content

DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Resistant to wine, beer, cola, coffee, water etc. according to DIN 68861-1A
- > Suitable for wood and microporous

Polyx®-Oil Original, Tints, Effect colour range



3011 Clear Glossy



3032 Clear Satin



3062 Clear Matt



3065 Clear Semi-Matt



3040 White



3067 Light Grey



3071 Honey



3072 Amber



3041 Natural



3073 Terra



3074 Graphite



3075 Black



OIL-BASED



ADDITIONAL INFO

- > Oxidation drying
- > Drying time 12 hours
- > 2 coats for a finished surface
- > For all European wood species
- > Even colour, simple cleaning and maintenance, spot-repairable
- > Finished surface ready for immediate use
- > Applicable on smaller roller units



SHEEN

- > Glossy
- > Satin
- > Semi-Matt
- > Matt



MATERIAL REQUIREMENTS

- > 5-20 g/m² per coat
- > 20-40 g/m² for a finished surface



SIZES

- > From 0.75-25 kg



APPLICATIONS



Manual application



Roller coater

Systems for: → Flooring → Furniture → Panelling

OXI POLYX[®] OIL

2-coat oxidation-drying industrial
hardwax-oil

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 1 or 2-pot system
- > Clear or transparent
- > Solvent content

DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Resistant to wine, beer, cola, coffee, water etc. according to DIN EN 12720
- > Suitable for wood and microporous



CHOICE OF COLOUR



ADDITIONAL INFO

- > Oxidation drying
- > Drying time 12 hours
- > 2 coats for a finished surface
- > For all European wood species
- > Even colour, simple cleaning and maintenance, spot-repairable
- > Finished surface ready for immediate use
- > Applicable on smaller roller units



SHEEN

- > Satin
- > Semi-Matt
- > Matt



MATERIAL REQUIREMENTS

- > 5-20 g/m² per coat
- > 10-20 g/m² for a finished surface



SIZES

- > 5-25 kg



APPLICATIONS



Roller coater



Spray unit

POLYX[®] OIL MIXING SYSTEMS

Quickly create individual colour shades according to customer wishes

UNLIMITED MIXING

For cases when other colours other than the standard colours are desired, Osmo Polyx[®] Oil Mixing Systems open up unlimited possibilities. With these systems, the exact colour in the necessary amount for every project can be mixed by yourself without losing any time.

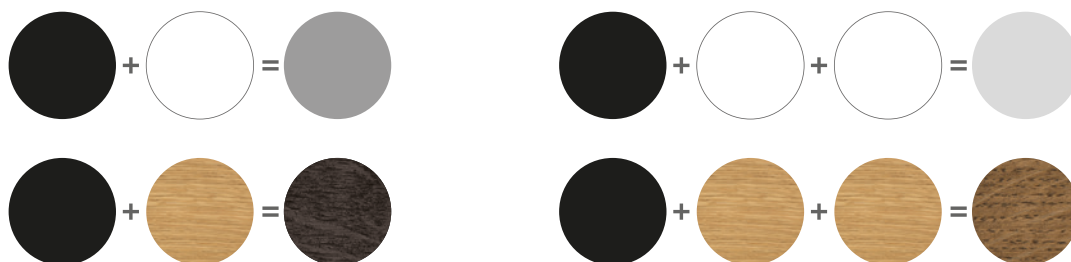
VARIETY AND EFFICIENCY

This increases productivity, competitiveness and also customer satisfaction. Waiting times due to long delivery periods are, thanks to Polyx[®] Oil Mixing Systems, a thing of the past.

CREATE ABSOLUTELY INDIVIDUAL COLOURS



DETERMINE THE COLOUR INTENSITY INDIVIDUALLY



SYSTEM WITH 8 BASE MIXING COLOURS



FLEXIBLE IN USE

The individual colours of the Oxi Polyx® Oil and UV Polyx® Oil ranges can be simply mixed and used - direct or in any desired ratio. Afterwards, the colour mixtures can be used in combination with the top coats for the respective system and all common pre-treatment products.

COATINGS FOR EVERY NEED

There are different sizes available. The five Mixing System colours come in 2.5 or 10 kg cans and the base colours White, Black and Clear in 10 kg.

A SMALL SELECTION OF THE POSSIBILITIES



UV POLYX[®] OIL

2-coat UV-curing industrial hardwax-oil

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 2-pot system consisting of base coat and top coat
- > Clear or transparent
- > Solvent-free

DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Resistant to wine, beer, cola, coffee, water etc. according to DIN EN 12720
- > Suitable for wood and microporous



ADDITIONAL INFO

- > UV curing
- > Immediately dry to pack
- > 1 coat as base coat and 1 coat as top coat for a finished surface
- > For all European wood species
- > Good mechanical and chemical resistance
- > Scratch-resistant and yet elastic
- > Homogenous, natural appearance
- > Surface immediately ready for use
- > Suitable for all machine sizes



SHEEN

- > Satin
- > Matt



MATERIAL REQUIREMENTS

- > Approx. 5-15 g/m² base coat and 5-6 g/m² top coat
- > Approx. 10-21 g/m² for a finished surface



SIZES

- > 5–25 kg



APPLICATIONS



Roller coater



Spray unit

Systems for: → Flooring → Furniture → Panelling

LED POLYX[®] OIL

2-coat LED-UV-curing industrial hardwax-oil

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 2-pot system consisting of base coat and top coat
- > Clear or transparent
- > Solvent-free

DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Resistant to wine, beer, cola, coffee, water etc. according to DIN EN 12720
- > Suitable for wood and microporous



ADDITIONAL INFO

- > UV curing
- > Immediately dry to pack
- > 1 coat as base coat and 1 coat as top coat for a finished surface
- > For all European wood species
- > Good mechanical and chemical resistance
- > Scratch-resistant and yet elastic
- > Homogenous, natural appearance
- > Surface immediately ready for use
- > Suitable for all machine sizes



SHEEN

- > Satin
- > Matt



MATERIAL REQUIREMENTS

- > Approx. 5-15 g/m² base coat and 5-6 g/m² top coat
- > Approx. 10-21 g/m² for a finished surface



SIZES

- > 5–25 kg



APPLICATIONS



Roller coater



Spray unit

HYBRID POLYX[®] OIL

2-coat UV-curing industrial hardwax-oil
with follow-up oxidation drying

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 2-pot system consisting of base coat and top coat
- > Clear or transparent
- > Solvent content



DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Resistant to wine, beer, cola, coffee, water etc. according to DIN EN 12720
- > Suitable for wood and microporous



⇒ ADDITIONAL INFO

- > UV curing
- > Oxidation drying
- > Immediately dry to pack
- > 1 coat as base coat and 1 coat as top coat for a finished surface
- > For all European wood species
- > Good mechanical and chemical resistance
- > Scratch-resistant and yet elastic
- > Surface immediately ready for use
- > Suitable for all machine sizes

⇒ SHEEN

- > Matt

⇒ MATERIAL REQUIREMENTS

- > Approx. 5-15 g/m² base coat and 5-6 g/m² top coat
- > Approx. 10-21 g/m² for a finished surface

⇒ SIZES

- > 5-25 kg

⇒ APPLICATIONS



Roller coater



Spray unit

UV POLYX[®] OIL EXCIMER TOP COAT

UV Polyx[®] Oil Top Coat formulated specifically for excimer units

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 2-pot system, only top coat
- > Clear or transparent
- > Solvent-free

DRIED SURFACE

- > Resistant to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Resistant to wine, beer, cola, coffee, water etc. according to DIN EN 12720
- > Suitable for wood and microporous



⇒ ADDITIONAL INFO

- > UV curing
- > Immediately dry to pack
- > 1 coat as base coat and 1 coat as top coat for a finished surface
- > Only usable on suitable base coats
- > Contains no matting agent, resulting in an especially natural appearance
- > Surface immediately ready for use
- > Optimised for large-scale industrial machines
- > Extremely scratch-resistant

⇒ SHEEN

- > Ultra Matt

⇒ MATERIAL REQUIREMENTS

- > Approx. 8-15 g/m²
- > Approx. 25-30 g/m² for a finished surface

⇒ SIZES

- > 5–25 kg

⇒ APPLICATIONS



Roller coater

UNIVERSAL BASE COAT

Usable base coat for all Polyx® Oils or
Polyx® Protect System

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 2 or more pot system, depending on the top coat
- > Clear or transparent
- > Solvent-free

DRIED SURFACE

- > Unfinished surface
- > Properties result from top coat



**OIL-
BASED**



ADDITIONAL INFO

- > UV curing, immediately ready for further coats
- > 1 coat as base coat and 1 coat as top coat for a finished surface
- > For all European wood species
- > Even colour
- > Natural ambering effect
- > Suitable for all machine sizes



MATERIAL REQUIREMENTS

- > Approx. 5-15 g/m²
- > Approx. 20-140 g/m² for a finished surface



SIZES

- > 5–25 kg



APPLICATIONS



Roller coater



Spray unit

Systems for: → Flooring

POLYX[®] PROTECT

Top coating system for floor covering with higher resistance requirements

COATING PROPERTIES

- > Ready to use product, no thinning or mixing necessary
- > Multiple pot system
- > Clear
- > Solvent-free

DRIED SURFACE

- > Fast to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Resistant to wine, beer, cola, coffee, water, etc. DIN EN 12720

**SOLVENT-
FREE**



Flughafen Gardemoen, Norwegen



ADDITIONAL INFO

- > UV curing
- > Immediate dry to pack
- > 3-5 coats for a finished surface
- > Can only be applied on a suitable base coat
- > Depending on type, good to very good mechanical & chemical resistance
- > Surface ready for immediate use
- > Depending on type, suitable for small oil coaters or only for large-scale industrial machines



SHEEN

- > Satin
- > Matt



MATERIAL REQUIREMENTS

- > Base Coat A: approx. 20 – 40 g / m² per coat
- > Base Coat B: approx. 20 – 40 g / m² per coat
- > Top Coat: approx. 5 – 15 g / m² per coat

For a finished surface:

- > Basic: approx. 40 g / m²
- > Home: approx. 100 g / m²
- > Office: approx. 100 g / m²
- > Public: approx. 140 g / m²



SIZES

- > 10 kg



APPLIICATIONS

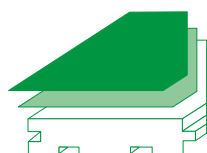


Roller coater

OSMO POLYX® FLOORING SYSTEM

Flexible surface design with Universal Base Coat
and a variable top coat

TOP COAT: POLYX® OIL



OXI

⇒ Standard oil surface

2-coat oil line

1. Universal Base Coat
2. Oxi Polyx® Oil Top Coat

HYBRID

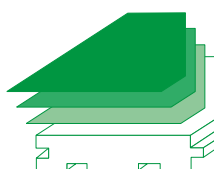
⇒ Standard oil surface

2-coat oil line

1. Universal Base Coat
2. Hybrid Polyx® Oil Top Coat

UNIVERSAL
BASE COAT

TOP COAT: POLYX® PROTECT



BASIC

⇒ Wear-resistant surface in a
3-coat build-up

3-coat oil line

1. Universal Base Coat
2. UV Polyx® Protect Base Coat A
20 g / m²
3. UV Top Coat

HOME

⇒ Elastic surface

4-coat varnish line

1. Universal Base Coat
2. UV Polyx® Protect Base
Coat B 40g/m²
3. UV Polyx® Protect Base
Coat B 40g/m²
4. UV Top Coat

PRECISE AND RELIABLE SURFACE DESIGN

Osmo Polyx® Flooring System is characterised by precise colour adjustments and reliable reproducibility. Generally, oiled surfaces consist of only 2 coats: a base coat and a top coat. The top coat determines the feel and sheen of the final product

HARD-WEARING, PERFECT SURFACES

For Polyx® Protect surfaces, the surface build-up consists of a base coat, a variable number of intermediate coats and then the top coat. The surface durability is determined by the intermediate layers and the top coat, while the sheen is also determined by the top coat. Perfect surfaces in just a few steps - you can rely on Polyx® products.

UV

⇒ **Standard oil surface**

2-coat oil line

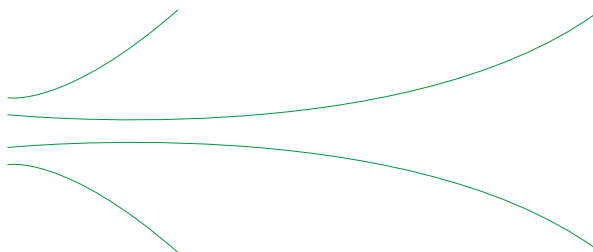
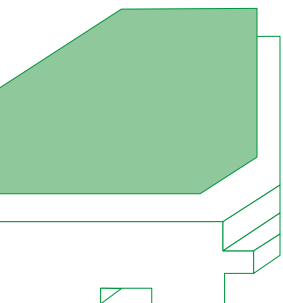
1. Universal Base Coat
2. UV Polyx® Oil Top Coat

LED

⇒ **2-coat oil line**

2-coat oil line

1. Universal Base Coat
2. LED Polyx® Oil Top Coat



OFFICE

⇒ **Wear-resistant surface
with an elastic interlayer**

4-coat varnish line

1. Universal Base Coat
2. UV Polyx® Protect Base
Coat A 40g/m²
3. UV Polyx® Protect Base
Coat B 40g/m²
4. UV Top Coat

PUBLIC

⇒ **Highly wear-resistant
surface with an elastic
interlayer**

5-coat varnish line

1. Universal Base Coat
2. UV Polyx® Protect Base
Coat A 40g/m²
3. UV Polyx® Protect Base
Coat A 40g/m²
4. UV Polyx® Protect Base
Coat B 40g/m²
5. UV Top Coat

Systems for: → Flooring → Stairs → Furniture

ORIGINAL OSMO CARE PRODUCTS

Wood care for the interior

To retain the original properties of flooring or stairs for many years, Osmo offers various high-quality care products. These remove dirt and deposits, revive the wood surface, are perfectly coordinated to Osmo wood coatings, easy-to-use and available worldwide

Customers benefit from the holistic product range from Osmo: thanks to suitable Osmo care products, surfaces created with Osmo products remain intact and attractive for a long time. Customers can follow contractors' recommendations and stay within the Osmo product system. This is clear and simple, and strengthens both customer satisfaction and customer loyalty.



WASH AND CARE

For routine wet cleaning

- > Highly effective specialised cleaning concentrate with natural ingredients and a moisturising effect
- > Especially suited to the cleaning and care of oiled and waxed wood surfaces and recommended for furniture, doors as well as wall and ceiling panelling

MAINTENANCE OIL

For maintenance and renovation

- > For a proper care and upkeep of all oiled wood with an Osmo Polyx®-Oil surface
- > Suitable for solid wood, plank, strip, parquet, OSB and cork flooring as well as stairs and furniture surfaces
- > Especially recommended for commercial interiors and high-traffic areas

LIQUID WAX CLEANER

For cleaning and refreshing

- > Ideal for removing stubborn stains, such as grease or shoe polish
- > Optimal for reviving all surfaces treated with Osmo Polyx®-Oil
- > Also available in white

Would your company like to offer customers a complete system with your own brand?

No problem. For the most important care products, Osmo offers a private labelling solution in an individual CI and supports in the creation of maintenance instructions and other documentation.



EXTERIOR

Cladding

Garden sheds

Carports

Decking

Privacy screens

Garden furniture



Systems for: → Decking → Garden furniture

DECKING-OIL

Biocide-free stain

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 1-pot system
- > Clear or transparent
- > Solvent content

DRIED SURFACE

- > Fast to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Will not crack, peel or flake
- > Suitable for wood, microporous
- > Water and dirt-repellent

Decking-Oil colour range



004 Douglas Fir



009 Larch



013 Garapa



016 Bangkirai dark



021 Bog Oak



006 Bangkirai



010 Thermowood



014 Massaranduba



019 Grey

OIL-BASED



ADDITIONAL INFO

- > Oxidation drying
- > Drying time 12 hours
- > 2 coats for a finished surface
- > For nearly all wood species
- > Smoothens the wood surface
- > Refreshes / stabilises the colour
- > For building elements with no and limited dimensional stability
- > Suitable for all machine sizes



SHEEN

- > Satin



MATERIAL REQUIREMENTS

- > Approx. 40 g/m² per coat
- > Approx. 80 g/m² for a finished surface



SIZES

- > From 0.75-25 litres



APPLICATIONS



Brush coater



Manual spraying



Manual application



Spray unit

Systems for: → Decking → Garden furniture → Carports → Privacy screens

NATURAL OIL WOODSTAIN

Stain with film protection

DRIED SURFACE

- > With film protection additive
- > Will not crack, peel or flake
- > Suitable for wood, microporous
- > Water and dirt-repellent

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing required
- > 1-pot system
- > Clear or transparent
- > Solvent content



CHOICE OF COLOUR

Natural Oil Woodstain colour range

700 Pine	701 Clear	702 Larch
703 Mahogany	706 Oak	707 Walnut
708 Teak	710 Stone Pine	712 Ebony
727 Rosewood	728 Cedar	729 Fir Green
731 Oregon Pine	732 Light Oak	900 White
903 Basalt Grey	905 Patina	906 Pearl Grey
907 Quartz Grey	1140 Agate-Silver	1142 Graphite Silver
1143 Onyx Silver		



ADDITIONAL INFO

- > Oxidation drying
- > Drying time 12 hours
- > 2 coats for a finished surface
- > For nearly all wood species
- > Contains active ingredients to protect the coating against mould, algae and fungal attack
- > For building elements with no and limited dimensional stability
- > Suitable for all machine sizes



SHEEN

- > Satin



MATERIAL REQUIREMENTS

- > Approx. 40 g/m² per coat
- > Approx. 80 g/m² for a finished surface



SIZES

- > From 0.75-25 litres



APPLICATIONS



Brush coater



Manual application

Systems for: → Cladding → Garden sheds → Carports → Privacy screens

INPEX® DIP AND FLOOD STAIN

Biocide-free industrial stain

DRIED SURFACE

- > Fast to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Will not crack, peel or flake
- > Water and dirt-repellent

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > 1-pot system
- > Transparent
- > Low-solvent



WATER-BORNE



→ ADDITIONAL INFO

- > Physical drying
- > Drying time 4-6 hours
- > Accelerated in-line drying possible
- > 1 coat for pre-treated surfaces, 2 coats for finished surfaces, system build-ups possible
- > For all European wood species
- > Recoatable with Osmo Natural Oil Woodstain
- > For building element with no or limited dimensional stability
- > For all machine sizes

→ SHEEN

- > Satin

→ MATERIAL REQUIREMENTS

- > Approx. 80-120 g/m² per coat
- > Approx. 160-240 g/m² for a finished surface

→ SIZES

- > 25 – 1000 litres

→ APPLICATIONS



Brush coater



Spray unit



Dipping



Manual spraying



Vacuum coating



Flooding

Systems for: → Cladding

ON-TREND COLOUR GREY

Osmo coatings for an artificial greying of timber cladding

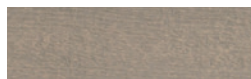
A grey patina gives timber cladding a timeless, elegant appearance. However, the natural greying process usually proceeds very slowly and unevenly. Therefore, Osmo offers various wood coatings that achieve an even cladding appearance. These greying wood stains simulate the natural greying of the cladding, are easy to apply and ensure a perfectly protected wood surface.

There is a total of fifteen greying wood stains in the Osmo range, which are divided into three categories: Transparent, Opaque and Effect.

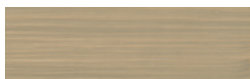
These decorative, satin, natural oil-based wood coatings are particularly suited for timber cladding, allow the wood to breathe, reduce swelling and shrinkage, and create a water-repellent, extremely weatherproof and UV-stable surface.



Transparent colour range



739 Silver Grey



903 Basalt Grey



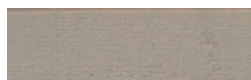
905 Patina



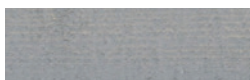
906 Pearl Grey



907 Quartz Grey



LM 019- 2781 B
Custom colour Cream Grey

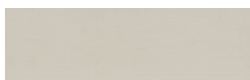


LD 067-481
Custom colour Blue Grey

Opaque colour range



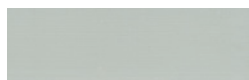
2704 Dusk Grey



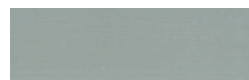
2708 Pebble Grey



2735 Light Grey



2716 Anthracite Grey



2742 Traffic Grey

Effect colour range



1140 Agate-Silver



1142 Graphite Silver



1143 Onyx Silver



Landesgartenschau Bad Iburg 2018

Systems for: → Cladding → Garden sheds → Carports → Privacy screens → Garden furniture

GARDEN COLOUR

Biocide-free opaque finish

DRIED SURFACE

- > Fast to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Will not crack, peel or flake
- > Water and dirt-repellent

Garden Colour colour range

	
7103 Signal Yellow	7119 Grey Beige
	
7283 Pine Green	7500 Traffic White
	
7505 Jet Black	7511 Brown Red
	
7519 Capri Blue	7530 Flame Red
	
7535 Light Grey	7542 Traffic Grey
	
7629 Mint Green	7716 Anthracite Grey
	
7738 Agate Grey	7817 Chocolate Brown

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > 1-pot system
- > Opaque
- > Low-solvent

WATER-BORNE



ADDITIONAL INFO

- > Physical drying
- > Drying time 3-5 hours
- > 2 coats for finished surfaces
- > For all European wood species
- > Good weather resistance and UV stability
- > For building element with no or limited dimensional stability
- > For all machine sizes



SHEEN

- > Satin



MATERIAL REQUIREMENTS

- > Approx. 60 g/m² per coat
- > Approx. 120 g/m² for a finished surface



SIZES

- > 0.75-25 litres



APPLICATIONS



Spray unit



Brush coater



Manual application



Manual spraying

Systems for: → Cladding → Garden sheds → Carports → Privacy screens → Garden furniture



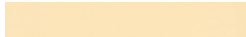










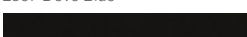

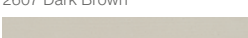

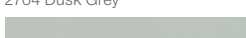
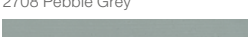
COUNTRY COLOUR

Biocide-free opaque finish

DRIED SURFACE

- > Fast to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Will not crack, peel or flake
- > Suitable for wood, microporous
- > Water and dirt-repellent

Country Colour colour range

		
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		

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > 1-pot system
- > Opaque
- > Solvent content



OIL-BASED



ADDITIONAL INFO

- > Oxidation drying
- > Drying time 12 hours
- > 2 coats for finished surfaces
- > For nearly all wood species
- > Good weather resistance and UV stability
- > Renovation coats possible without intermediate sanding
- > Available upon request with film protection
- > For building element with no or limited dimensional stability
- > For all machine sizes



SHEEN

- > Satin



MATERIAL REQUIREMENTS

- > Approx. 40 g/m² per coat
- > Approx. 80 g/m² for a finished surface



SIZES

- > 0.75-25 litres



APPLICATIONS



Brush coater



Spray unit



Manual application



Manual spraying

Systems for: → Cladding → Garden sheds → Carports → Privacy screens → Garden furniture

INPEX® DIP AND FLOOD FINISH

Simple, biocide-free, opaque industrial coating

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > 1 or 2-pot system
- > Opaque
- > Low-solvent



DRIED SURFACE

- > Fast to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Will not crack, peel or flake
- > Water and dirt-repellent

WATER-BORNE



⇒ ADDITIONAL INFO

- > Physical drying
- > Drying time 4-6 hours
- > Accelerated in-line drying possible
- > 1 coat for pre-treated surfaces, 2 coats for finished surfaces, system build-ups possible
- > For all European wood species
- > Recoatable with Osmo Garden Colour or Country Colour
- > For building element with no and limited dimensional stability
- > For all machine sizes

⇒ SHEEN

- > Satin

⇒ MATERIAL REQUIREMENTS

- > Approx. 60-120 g/m² per coat
- > Approx. 120-240 g/m² for a finished surface

⇒ SIZES

- > 25 – 1000 litres

⇒ APPLICATIONS



Brush coaters



Spray units



Manual spraying



Vacuum coating



Dipping



Flooding

Systems for: → Cladding → Garden sheds → Carports → Privacy screens → Garden furniture

INPEX® UNIVERSAL FINISH

High-quality, biocide-free,
opaque industrial coating

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > 1 or 2-pot system
- > Opaque
- > Low-solvent



DRIED SURFACE

- > Fast to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Will not crack, peel or flake
- > Water and dirt-repellent

**WATER-
BORNE**



⇒ ADDITIONAL INFO

- > Physical drying
- > Drying time 4-6 hours
- > Accelerated in-line drying possible
- > 2 coats for a finished surface
- > System build-ups possible
- > For all European wood species
- > Recoatable with Osmo Garden Colour or Country Colour
- > For building element with no and limited dimensional stability
- > For all machine sizes

⇒ SHEEN

- > Satin

⇒ MATERIAL REQUIREMENTS

- > Approx. 60-120 g/m² per coat
- > Approx. 120-240 g/m² for a finished surface

⇒ SIZES

- > 25 – 1000 litres

⇒ APPLICATIONS



Brush coaters



Spray units



Manual spraying



Curtain coating



Vacuum coating

Systems for: → Garden sheds → Carports → Privacy screens → Garden furniture

INPEX® VACUMAT FINISH UV TOP COAT

High-quality, biocide-free, opaque industrial coating with increased block resistance

COATING PROPERTIES

- > Ready-to-use product, no thinning or mixing necessary
- > 2-pot system, only top coat
- > Opaque
- > Low-solvent



DRIED SURFACE

- > Fast to saliva and perspiration DIN 53160
- > Suitable for children's toys EN 71.3
- > Will not crack, peel or flake
- > Water and dirt-repellent

**WATER-
BORNE**



Gartenhaus Barbados 6, Lasita Maja



ADDITIONAL INFO

- > Physical drying and UV curing
- > 1 coat, only to be used as a top coat
- > Can only be used on the suitable base coat
- > Immediately ready for packing thanks to significantly higher block resistance
- > For building element with no and limited dimensional stability
- > Optimised for large-scale industrial machines



SHEEN

- > Satin



MATERIAL REQUIREMENTS

- > Approx. 60-120 g/m² per coat
- > Approx. 120-240 g/m² for a finished surface



SIZES

- > 25–1.000 litres



APPLICATIONS



Brush coater



Curtain coating



Spray unit



Vacuum coating

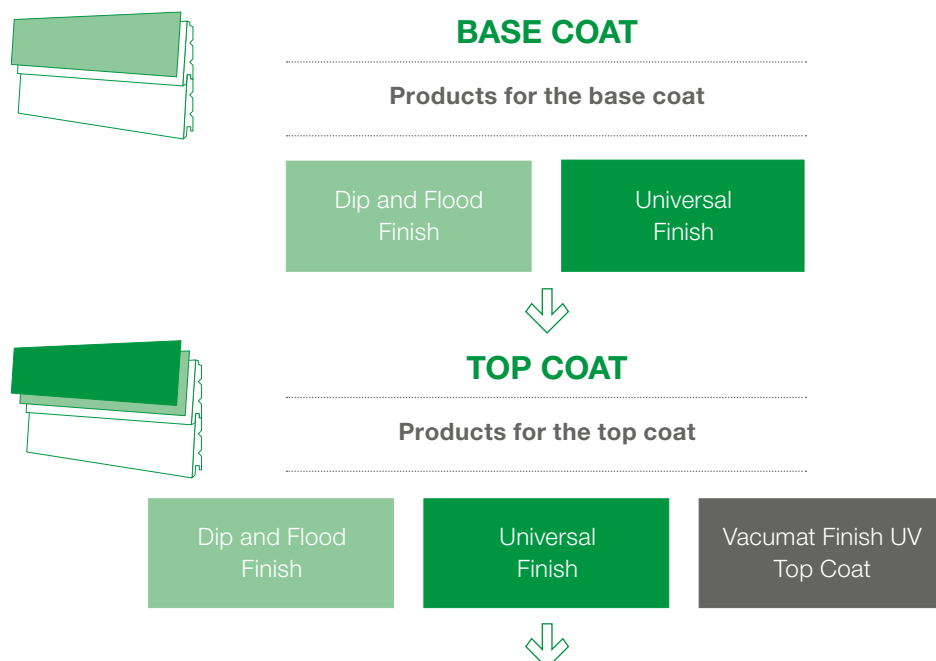
INPEX® FINISHES COMBINATION POSSIBILITIES

Create the desired surface with 3 products

FOR BEST RESULTS

With the targeted combination of just three various Osmo products, a wide variety of surface qualities can be achieved. Dip and Flood Finish, Universal Top Coat and Vacumat Finish UV Top Coat enable optimal results tailored to the specified use in terms of weather resistance, elasticity

and block resistance. In this simple way, a variable top-quality product can be achieved that fully meets the desired properties and requirements.



7 COMBINATIONS POSSIBLE

7 SURFACES WITH DIFFERENT PROPERTIES



OUR PRODUCTS

> TIMBER CLADDING

Cladding profiles
Coloured cladding
Shingles

> FLOORING

Solid wood flooring
Concept-Flooring
Creativ-Flooring

> WOOD FINISHES

For the interior and exterior
Wood protection and care

> INTERIOR WOOD

Solid wood profiles
Framing wood
Laths

> EDGE-GLUED PANELS

Solid wood panels
Worktops
Furniture doors

> MOULDINGS

Skirting board
Wall and ceiling mouldings
Decorative mouldings

> DECKING

TIMBER
Ceramic
BPC

> PRIVACY SCREENS

Timber
Sound protection
Aluminium/BPC

Osmo Holz und Color GmbH & Co. KG

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