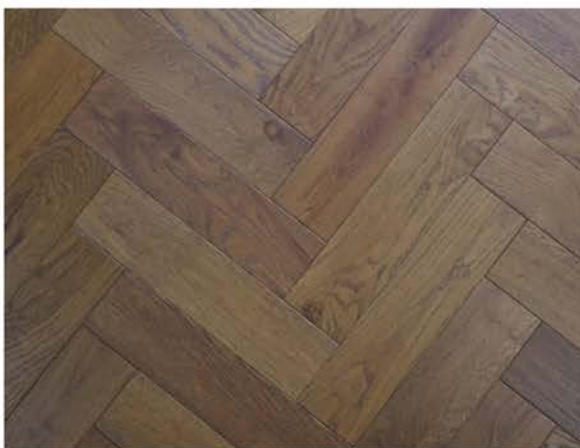




NATURAL OILED WOOD FLOORING MADE FOR YOU

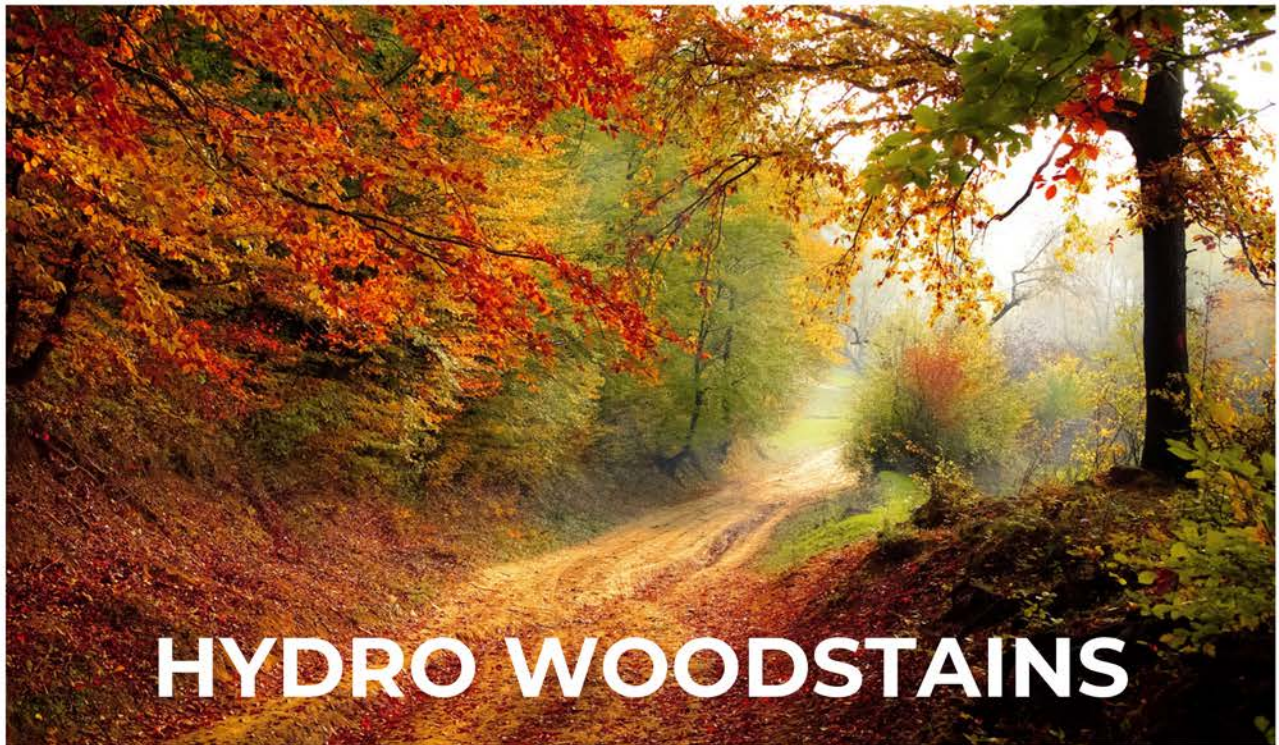


Origin wood floors are manufactured using Hesse-Lignal Hydro Stains and Natural Oils in limitless combinations and formulations. Our clients can select from Pre-formulated colours or we can create individual colours for any interior scheme. We enjoy creating colours that are unique to the project and not just copies of what others have done before.



Our designers and colorists have access to the leading development laboratories as well as the “handcrafting” skills required to bring colour, texture and performance to your flooring selection.

Working with base formulations and the Hesse-Lignal tinting systems to create Oils, Stains Waterborne Lacquers and Paints to finish our flooring and all wood products.



HYDRO WOODSTAINS

Our colour range is extensive and covers most required tones, but all of the colours can be mixed to create your own nuance or a totally different shade.

After the application of a Hydro Stain we finish the surface with either coats of Hesse Oils or Hydro Lacquers to create the desired effect and protection.

Product description

WPB parquet stain is a special stain ready for use for rolling and painting parquet surfaces and stairs. Light fastness special pigments largely cover the wood substrate, yet still achieve the desired stain character. The environmentally conscious stain was developed for parquet-specific working methods and is overcoatable with all products from the Hesse parquet range.

Areas of application

For parquet and wooden flooring with subsequent sealing. For staining and subsequent coating of furniture, stairs and doors in industrial and craft applications.

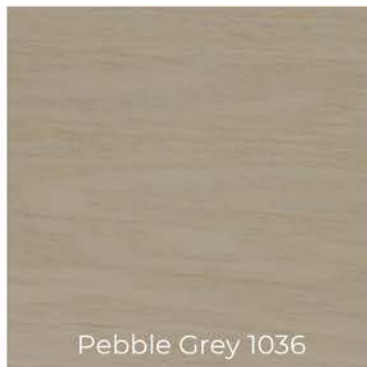
Area of application

- Crafted parquet flooring
- Stairs

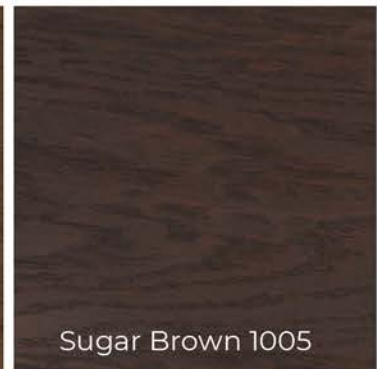
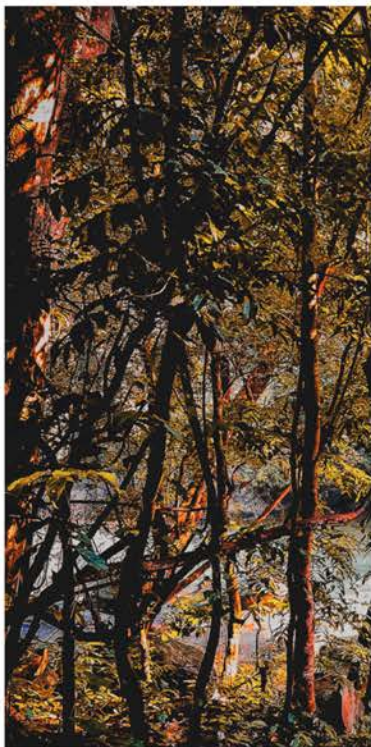
Substrate material

- light deciduous woods with coarse pores

HYDRO WOOD STAINS



HYDRO WOOD STAINS



NATURAL-COLOR-OIL

- Base: oil-modified alkyd resin
- good mechanical and chemical resistance
- colour tones can be mixed with one another in any ratio
- Component of the Paint Express system
- optional hardening 25 : 1 with hardener OR 5180 possible

Primer White 77

Teak 133

Light Walnut 803

Olive Grey 704

Ebony 901

Grey 703

Castle Brown 702

Dark Walnut 804

Black 900



Order information:

Order number:
OB 52832-(colour)
Packaging sizes: 1 l, 3 l, 25 l

Order information hardener:

Order number: OR 5180
Packaging sizes: 0,25 l



**Order information:**

Order number: GE 11254

Packaging sizes: 1 l, 3 l, 25 l

Order information hardener:

Order number: OR 5180

Packaging sizes: 0,25 l

NATURAL-SOLID-OIL

- Base: Natural oil
- As a natural oil, it already has excellent chemical and mechanical resistance, which other oils often do not even achieve through the use of hardeners
- good accentuation
- just one application reliably protects the wood
- resilient
- Component of the Paint Express system
- optional hardening 25 : 1 with hardener OR 5180 possible



Colour Solid Oils

Our colour range is extensive and covers most required tones, but all of the colours can be mixed to create your own nuance or a totally different shade. We also have the option to start the design process with a neutral base oil formulation and create your own colour tone from our custom tinting system. Our database has over 10,000 formulations.

We work very closely with the NCS (Natural Colour System) in Sweden.



Hesse Lignal
inspiring you

Colour Solid Oil



Colour Solid Oil



COLOR-SOLID-OIL

- Base: Natural oil
- outstanding mechanical and chemical resistance
- just one application reliably protects the wood
- colour tones can be mixed with one another in any ratio
- Component of the Paint Express system
- optional hardening 25 : 1 with hardener OR 5180 possible



Order information:

Order number:
GB 11252-(colour)
Packaging sizes: 1 l, 3 l, 25 l

Order information hardener:

Order number: OR 5180
Packaging sizes: 0,25 l

Colour Solid Oil



COLOR-SOLID-OIL

- Base: Natural oil
- outstanding mechanical and chemical resistance
- just one application reliably protects the wood
- colour tones can be mixed with one another in any ratio
- Component of the Paint Express system
- optional hardening 25 : 1 with hardener OR 5180 possible

Colour Solid Oil

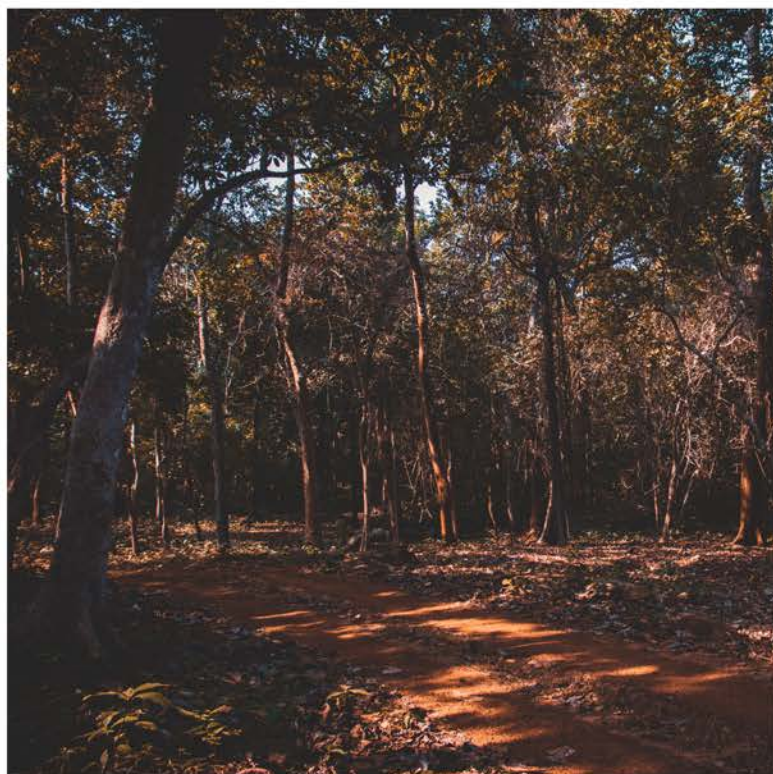


Colour Solid Oil



COLOR-SOLID-OIL

- Base: Natural oil
- outstanding mechanical and chemical resistance
- just one application reliably protects the wood
- colour tones can be mixed with one another in any ratio
- Component of the Paint Express system
- optional hardening 25 : 1 with hardener OR 5180 possible



Order information:

Order number: _____
GB 11252-(colour)
Packaging sizes: 1 l, 3 l, 25 l

Order information hardener:

Order number: OR 5180
Packaging sizes: 0,25 l

COLOR-SOLID-OIL

GB 11252-(colour tone)



COLOR-SOLID-OIL



COLOR-SOLID-OIL



OIL-COLOR-MIX



OP 101/Yellow



OP 300/Red



OP 400/Violet



OP 500/Blue



OP 900/White



OP 103/Oxide Yellow



OP 306/Oxide Red



OP 405/Magenta



OP 600/Green



OP 905/Black

Order information can be
found on page 16

OIL-COLOR-MIX

- high quality light fast pigments
- good brilliance
- for tinting all oils listed here, exception:
RESIT GE 17102
- can be mixed with one another in any ratio
- can be used in suitable mixing machines
- Component of the Paint Express system



Order information:

Order number: OP (colour)

Packaging sizes: 0,9 l

PROTECT-OIL

- Base: oil-modified alkyd resin
- Special oil with a light intrinsic colour and super light-fastness for an oil
- maintains the good mechanical and chemical resistance of the oil surface
- ideal as a care oil for other oiled surfaces subject to high demands, such as stair, parquet, etc.
- specifically also for final application on surfaces oiled using a light colour
- optional hardening 25 : 1 with hardener OR 5180 possible



A surface treated with coloured oil can be finished using a clear oil for additional protection. For this purpose we recommend our PROTECT-OIL OE 52842 due to its low inherent colour and excellent lightfastness for an oil.



Order information:

Order number: OE 52842

Packaging sizes: 1 l, 25 l

Order information hardener:

Order number: OR 5180

Packaging sizes: 0,25 l

Protterra RESIT

- Base: Shellac in fermentation alcohol
- film forming
- extremely fast-drying
- results in surfaces with a pleasant feel and lacquer-like appearance
- excellent chemical and mechanical resistance
- just one application reliably protects the wood against normal household contamination
- final treatment using GZ 1020 is recommended
- optional hardening 10 : 1 with hardener OR 5170 possible



Order information:

Order number: GE 17102

GE 17109

Packaging sizes: 5 l, 20 l

Order information hardener:

Order number: OR 5170

Packaging sizes: 0,5 l, 1 l, 2,5 l

Oiled surfaces are ...

- More resistant and offer protection against contamination and the effects of moisture.
- Easier to clean than bare wood surfaces.
- Their “accentuating nature” enables them to add emphasis to the structure and colour play in precious woods.
- They guarantee the colour play typical of wood and thus the natural and exclusive look and feel. They protect the natural colours.
- They are mostly open-pored and thus permit moisture exchange between the wood and its surroundings. The wood can breathe. This has a positive effect on room climate.
- They can in most cases be partially freshened up or repaired and thus offer an advantage over coated surfaces.

Differences and special features:

Natural oils and oil-modified alkyd resins

	Natural oil	Oil-modified alkyd resins
Penetration/impregnation properties	Very strong	Medium
Lightening (see below)	Weak	Stronger
Accentuation (see below)	Very strong	Weaker
Feel	Pleasantly velvety	Grippy, cooler
Optics	Warm	Fresh
Intrinsic colour	Oil-specific, somewhat darker	Oil-specific, somewhat lighter
Light fastness (see comment on the last page)	Typical for nature	Better depending on oil modification
Non-volatile component	Very high, up to 100 %	Significantly less
Content of solvent	Very low, almost solvent-free	Significantly higher, but still Decopaint compliant
Proportion of renewable raw materials	High, to very high	From low to high depending on oil modification
Initial smell of the dry oil surface	Natural oil specific, oil dependent	Low solvent smell, subsequently oil-typical depending on the oil modification used

Hardwax oil:

the term “hardwax oil” has become established for a number of oil materials without the designation being regulated, let alone standardised as a voluntary commitment or standardisation. Most users for example understand a hardwax oil to be a material that dries to a durable, matt surface with a wax-like feel. They generally want low film formation on the surface and a sufficiently protective penetration into the wood, so that an open-pored and breathable surface is obtained.

Here is an overview of our “hardwax oils”:

- NATURAL-OIL
- SPEEDCARE-OIL
- FLOORCARE-OIL



Variances in accentuation/lightening:

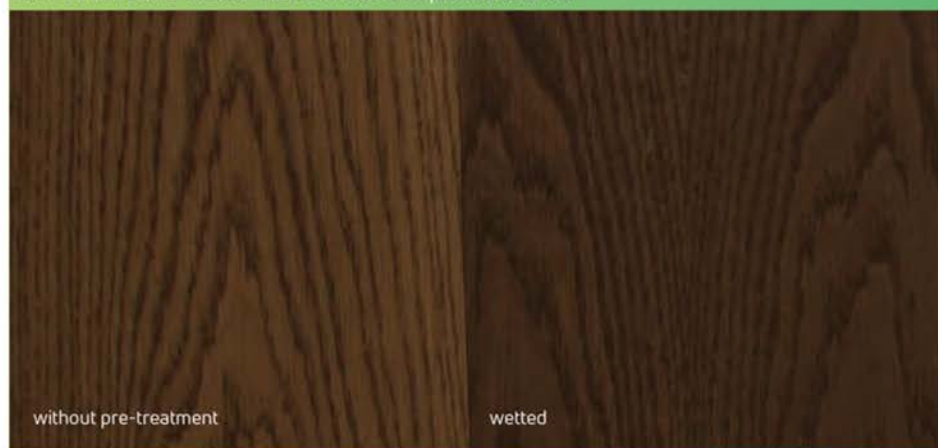


Factors that influence colour tone and intensity:

- The intrinsic colour of the wood that is used
- The raw wood sanding
- The amount of oil applied in combination with the exposure time
- The fineness of the sanding fleece that is used
- An additional oil application may be required depending on the degree of saturation of the wood Watering

It's certainly not a secret, but it's often overlooked: watering the wood is an easy way to enhance the depth and saturation of oil colour tones.

View: 1 x NATURAL-COLOR-OIL OB 52832-080 padded onto oak



Oils are the ideal combination partners for solving specific issues:

Oils have properties that make them the ideal partner for (HYDRO) lacquers in special surface applications. For instance as an "isolating layer" for clear lacquer coatings to accentuate the grain picture on exotic woods, especially in the parquet sector, as a barrier basecoat under colour lacquer coatings for special woods (like Hevea brasiliensis or similar) or particularly resin-rich woods (such as pine, spruce, etc.).

Examples of successful problem solvers:

- NATURAL-SOLID-OIL
- SPEEDCARE-OIL
- FLOORCARE-OIL
- INVIPRO-OIL



How an oil dries:

It involves oxidative drying, in other words by means of the absorption of atmospheric oxygen. It proceeds relatively slowly until complete hardening and depends on the application quantity, room temperature, application method and air humidity.

Good air exchange, a constant room temperature of 20 °C if possible and a humidity of 55 - 60 % have a positive effect on complete hardening. Even under ideal conditions, the oils need a few days to achieve complete hardening, depending on the oil type and modification. Only then is a heavier demand on the oiled surface advisable.

The inherent smell of oiled surfaces:

All oils have a typical inherent smell. This smell is a natural property and is characteristic of natural oils in particular. The smell is particularly noticeable during hardening of the oil. It depends among other things on the size of the oiled surface. The smell becomes progressively weaker after complete hardening of the oil surface. A uniform air exchange (good ventilation) and a room temperature of around 20 °C are also helpful. This property should particularly be taken into account when using oiled surfaces inside a cupboard, for example. In the case of solvent-based oils, the smells of the solvents are predominant during the drying phase. Experience indicates that the oil-specific smell is less noticeable after the evaporation phase. Yet most people find this typical smell pleasant and regard it as a sign of the naturalness of the materials used.

If you would like to know how an oiled surface looks and feels, simply visit our Sample shop and order a sample panel with "your" Hesse oil to convince yourself. This service is free of charge.

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