



The Hesse oil product range

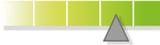
- > Natural oils
- > Oil for a natural wood effect
- > Colour oils

AN OVERVIEW OF THE HESSE OIL PRODUCT RANGE

Product description	Product number	Gloss level	Coloured	Grain accentuation	High solids/ low solvent/ solvent-free	Renewable raw material basis	
NATURAL-SOLID-OIL	GE 11254	Matt			✓		
NATURAL-OIL	OE 52832 OE 52839	Matt Satin gloss					
RESIN-OIL	OE 82-4 OE 82-7	Matt Satin gloss					
SPEEDCARE-OIL	OE 52872	Matt					
INVIPRO-OIL	OE 52860	Dull matt					
COLOR-SOLID-OIL	GB 1125x(GL)- colour tone	Matt Satin gloss	✓		✓		
NATURAL-COLOR-OIL	OB 5283x(GL)- colour tone	Matt Satin gloss	✓				
PROTECT-OIL	OE 88-2	Matt					
CURA-OIL	GE 11066	Semi matt			✓		
PROTECT-CLEANER	PR 90	Matt					
ANTISLIP-CLEANER	PR 93	Matt					

All of the Hesse oils listed here meet the requirements of **EN 71-3** (Toy Safety - Part 3: Migration of certain elements) and of **DIN 53160** (Determination of colour migration in everyday objects) **Part 1** (Testing with saliva simulation) and **Part 2** (Testing with sweat simulation). The products recommended for parquet flooring are also approved by the German Institute for **Construction Technology (DIBt)**. No detrimental effects for people, animals or the environment are to be expected when the materials are used as directed. Please refer to the latest version of the technical information for details about individual products. This can be accessed via the respective QR code or at www.hesse-lignal.de via the Internet.



Application	Drying	Looks	Chemical resistance	Applications			Ant-slip properties R9 / R10
				Parquet	Stairs	Furniture / decoration	
		Oil					✓
		Oil					✓
		Lacquer-like					✓
		Oil / lacquer					✓
		Bare wood					✓
		Oil					-
		Oil					-
		Oil					-
		Oil		-	-		-
		Smooth	-		-		-
		Dull	-			-	✓

-  Rubbing in
-  Removal of excess
-  Spraying
-  Rolling
-  Spreading
-  Pad application
-  Wiping application





Hesse NATURAL-SOLID-OIL GE 11254

This is a mixture of extremely low solvent and low odour natural oils with high solids and outstanding mechanical and chemical resistance. For creating low-emission surfaces on exclusive wood for normal to high use in interiors. Easy to apply, fast drying due to non-classified siccatives. Can optionally be hardened for even faster drying and even better resistance. 1 to 2 coat application using a spatula, roller or cloth at around 20 g/m² per application and subsequent rubbing in with removal of the excess. Our NATURAL-SOLID-OIL is so economical that the wood will already be reliably protected with just one application of the hardened oil.

Fields of application:

Universally in interiors. For furniture and parquet surfaces plus stair treads with normal to high use in interiors.



Order information

Order number: GE 11254

Packaging sizes: 1 l, 2.5 l



GE 11254



Hesse NATURAL-OIL OE 52832 / OE 52839

This is an innovative mixture of natural oils and natural oils modified with alkyd resins. Its mild solvents and special, non-classified siccatives mean that this oil is particularly fast drying. Exclusive raw material selection results in it not being classified under the latest version of the European Classification, Labelling and Packaging (CLP) Directive. It accentuates the wood substrate and after drying it creates a tough yet open-pore and breathable surface, which has good abrasion resistance and great resistance against household chemicals. The oil should be applied 1 to 2 times using a spatula, roller or cloth at around 20 g/m² per application, or it can be rubbed in using a sanding fleece or something similar. The excess can then be removed from the surface after a brief absorption period. Can optionally be hardened.

Fields of application:

Furniture and parquet surfaces plus stair treads with normal to high use in interiors. Chemical and mechanical resistance will depend on the number of coats of oil that are applied.



Order information

Order number: OE 52832 matt
OE 52839 glossy

Packaging sizes: 1 l, 2.5 l



OE 52832



Hesse RESIN-OIL OE 82-(GL)

This is an innovative mixture of natural oils and natural oils modified with alkyd resins. This rolling oil contains non-classified siccatives and especially mild solvents. It is also easy to apply on large surfaces, accentuates the substrate and forms an even, matt, tough and abrasion resistant protective film on the wood after drying. This protective film has particularly good chemical and mechanical resistance. The material can optionally be hardened and applied 1 to 3 times at in each case 30 – 60 g/m² by rolling or brushing. The rubbing in and subsequent excess removal typical for oils is not required subject to the desired surface effect. Can optionally be hardened.

Fields of application:

As a base and cover coating in residential and commercial areas; on surfaces coated for more body due to heavier use. Also suitable for staircases, handrails, oriented structural tiles and cork flooring.



Order information

Order number:

OE 82-4 silk matt

OE 82-7 satin gloss

Packaging sizes: 1 l, 2.5 l



OE 82-GG



Hesse SPEEDCARE-OIL OE 52872

A fast drying mixture of natural oils combined with natural oils refined with alkyd resins for an even matt appearance paired with good accentuation and transparency. Special, non-classified siccatives cater for fast drying and the option of forced drying. The finished surfaces are therefore stackable or can be further processed within a very short time. The low odour and aromatic-free solvents are also used in the production of cosmetics. This oil is characterized by its excellent levelling, outstanding pore wetting and pleasant look and feel. Depending on the application quantity, open-pored, breathable surfaces or very closed-pore surfaces can be created with excellent mechanical and chemical resistance. The oil is applied 2 – 3 times using a cup gun, roller or brush, in each case at around 80 – 120 g/m². The usual rubbing in and removal of the excess is not required. Drying time per application at room temperature before interim smoothing or light use of the surface: circa 1 h (at 80 g/m² and 20° C). The surface can be fully used after 4 – 7 days. Can optionally be hardened.

Fields of application:

Suitable as a base coat and top coat plus for open-pore, breathable surfaces and closed-pore, coated surfaces with good body in normal to heavy use. Also for staircases, hand-rails, parquet flooring and other heavily used surfaces.



Order information

Order number: OE 52872

Packaging sizes: 2.5 l, 25 l



OE 52872



Hesse INVIPRO-OIL OE 52860

This oil penetrates very well into the wood and its open-pore and breathable surface appears as if it were untreated. It is however antistatic, abrasion resistant and water-repellent. So it is not just better protected, but also longer lasting and easier to clean than a bare wood surface. So genuine wood surfaces sustainably retain their individual and exclusive character. An aromatic-free, fast drying mixture of natural oils and natural waxes combined with natural oils refined with alkyd resins. This oil is free from cobalt and butanone oxime and contains light stabilizer, so it protects against colour changes for significantly longer than comparable oils. The oil should be applied 1 to 2 times using a spatula, roller or cloth at in each case around 20 g/m² and subsequently rubbed in using a sanding fleece or something similar. The excess can then be removed from the surface after a brief absorption period. Can optionally be hardened.

Fields of application:

Throughout living areas as a natural wood effect oil on surfaces subject to normal to medium use; mainly on light woods. For heavily used surfaces; in combination with other Hesse oils.



Order information

Order number: OE 52860

Packaging sizes: 1 l, 2.5 l



OE 52860



Hesse COLOR-SOLID-OIL GB 1125x(GL)-(colour tone)

A coloured, extremely low solvent and low odour natural oil with high solids and outstanding mechanical and chemical resistance. For creating exclusive coloured surfaces on wood with normal to high use in interiors. Easy to apply and fast drying due to non-classified siccatives. Can optionally be hardened for even faster drying and even better resistance. One- to two-coat application at in each case around 20 g/m² using a spatula, roller or cloth and subsequent rubbing in with removal of the excess. An extensive palette of colour tones can be obtained by mixing the coloured oils from one product range with each other and tinting them using our OIL-COLOR-Mix concentrates; also in corresponding mixing systems.

Fields of application:

Furniture and parquet surfaces plus stair treads with normal to high use in interiors.



Order information

Order number:

GB 1125x(GL)-(colour tone)

Packaging sizes: 1 l, 2.5 l



GB 11252-010 vanille



GB 11252-011 honey



GB 11252-012 almond



GB 11252-020 apricot



GB 11252-070 modern grey



GB 11252-071 blue grey



GB 11252-080 chestnut



GB 11252-081 smokey oak



GB 11252-090 white peach





Hesse NATURAL-COLOR-OIL OB 5283x(GL)-colour tone

An innovative mixture of natural oils and natural oils modified with alkyd resins; tinted with high quality, particularly light fast special pigments. Its mild solvents and non-classified siccatives mean that this oil is particularly fast drying. No CLP classification required. It meets the requirements of EN 71-3 (11-2014) and is therefore suitable for use on children's toys. An open-pore and breathable surface forms after drying, which has good abrasion resistance and great resistance against household chemicals. The oil should be applied 1 or 2 times at in each case around 20 g/m² using a spatula, roller or cloth and subsequently rubbed in using a sanding fleece or something similar. The excess can then be removed from the surface after a brief absorption period. Can optionally be hardened. An extensive palette of colour tones can be obtained by mixing the coloured oils from one product range with each other and tinting them using our OIL-COLOR-Mix concentrates; also in corresponding mixing systems.

Fields of application:

Creating colour on furniture and parquet surfaces plus stair treads with normal to high use in interiors.



Order information

Order number:

OB 52832-colour tone matt

Packaging sizes: 1 l, 2.5 l



OB 52832-010 vanilla



OB 52832-011 honey



OB 52832-012 almond



OB 52832-020 apricot



OB 52832-070 modern grey



OB 52832-071 blue grey



OB 52832-080 chestnut



OB 52832-081 smokey oak



OB 52832-090 white peach





Hesse OIL-COLOR-MIX OP

These are colour concentrates for creating nuances in Hesse oil products. They are light fast and easy to dispense and incorporate. They can moreover be mixed with one another in any ratio. Our high quality, light fast pigment preparations give Hesse oil products their exclusive colour and effect properties. So enduring and unobtrusive colour tones inspired by natural wood species can be achieved, with their inherent accentuation and particular depth of colour. Although vibrant, almost opaque design colour tones can also be mixed. There is virtually no limit to the individual diversity of colour.

Fields of application:

For tinting Hesse oil products. Amount added: at most 3 % for coloured and at most 10 % for colourless oils.



Order information

Order number: OP

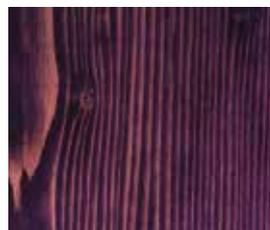
Packaging sizes: 0.9 l



OP 101 Yellow / Gelb



OP 300 Red / Rot



OP 400 Violet / Violett



OP 500 Blue / Blau



OP 900 White / Weiß



OP 103 Oxide Yellow /
Oxidgelb



OP 306 Oxide Red /
Oxidrot



OP 405 Magenta / Magenta



OP 600 Green / Grün



OP 905 Black / Schwarz



Hesse PROTECT-OIL OE 88-2

This is an innovative mixture of a parquet oil with a natural oil modified with alkyd resin. Easy to apply, fast drying and contains non-classified siccatives. It dries to a tough, durable and abrasion resistant protective film. It therefore protects oiled wood surfaces and ensures a prolonged shielding effect. Generally 1 coat at around 10 – 15 g/m² is sufficient, depending on the type of surface to be treated and its condition. A cloth or a metal spatula should be used to apply it to the surface requiring care or repair. It should then be gently rubbed in and the excess removed.

Fields of application:

For the care, repair and refreshing of oiled parquet and wooden flooring, stair treads and other heavily used oiled wood surfaces.



Order information

Order number: OE 88-2

Packaging sizes: 1 l



OE 88-2



Hesse CURA-OIL GE 11066

A pure, solvent-free plant oil that is ready to use. Contains no siccatives. For deep impregnation and refreshing of open-pore, oiled surfaces. A replenishing care oil for thin one-coat application onto previously oiled surfaces with low use. Apply 1 thin coat of the oil to the surface to be treated at around 5 – 10 g/m² using a suitable cotton cloth. After a brief absorption time, use a dry cloth to remove the excess from the surface and wipe the surface to be dry and streak-free.

Fields of application:

Oiled furniture or other decorative wood surfaces with low use. The replenishing properties make this product unsuitable for use on surfaces that regularly come into contact with textiles (interior surfaces of wardrobes, etc.)



Order information

Order number: GE 11066

Packaging sizes: 1 l



GE 11066



Hesse PROTECT-CLEANER PR 90

A concentrated cleaning and care product based on a pH-neutral and biodegradable tenside. For lesser degrees of soiling: dilute the cleaner with water at a ratio of 1:100 (100 ml in 10 litres of water). Intensive cleaning / care: higher dispensing up to a maximum of 1:10 (100 ml in 1 litre of water). Apply the cleaning and care solution using a lightly impregnated cloth or mop. The wiped surface does not require any subsequent treatment. The surface is resilient immediately after drying.

Fields of application:

For parquet and wooden floors, laminates, PVC, tiles and plastic surfaces. Also suitable for the cleaning and care of furniture surfaces. Not suitable for mirrors and marble or surfaces with anti-slip properties!



Order information

Order number: PR 90

Packaging sizes: 1 l





Hesse ANTISLIP CLEANER PR 93

A concentrated cleaning and care product based on a pH-neutral and biodegradable tenside. Retains the surface's existing anti-slip properties. For lesser degrees of soiling: dilute the cleaner with water at a ratio of 1:100 (100 ml in 10 litres of water). Intensive cleaning / care: higher dispensing up to a maximum of 1:10 (100 ml in 1 litre of water). Apply the cleaning and care solution using a lightly impregnated cloth or mop. The wiped surface does not require any subsequent treatment. The surface is resilient immediately after drying.

Fields of application:

For stair treads, parquet and wooden floors plus other surfaces with anti-slip properties. Laminates, PVC, tiles and plastic surfaces. Not suitable for mirrors and marble.



Order information

Order number: PR 93

Packaging sizes: 1 l



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Special instructions:

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Our products are manufactured according to the latest insights from science and practice; new insights may result in technical modifications that deviate from this representation.

The values given are not specifications, but rather typical product data. The latest version is always available online at www.hesse-lignal.de or talk to your local account manager.



Hesse GmbH & Co. KG
Warendorfer Str. 21
59075 Hamm – Germany

Tel.: + 49 2381 96300
Fax: + 49 2381 963849

E-mail: info@hesse-lignal.de
www.hesse-lignal.de