



Wood Hard Oil

Productinformation Article no. 290-291

14.09.2020

■ Our super-robust oil.

Kreidezeit Wood Hard Oil is a **specialist oil for indoor use:**

- on its own on highly absorbent types of wood such as spruce, pine and beech.
- as a hard-wearing finish on poorly-absorbent, dense wood after pre-treatment with Floor Hard Oil (article no. 310) or Hard Oil (article no. 1310)
- for the protection of OSB and cork

Especially robust floor and countertop oil. Also ideal for furniture, tables, window interiors, garden furniture and much more.

Wood Hard Oil is particularly fast-drying, making it resilient very early on. It is our most durable and hard-wearing oil, offering very high water resistance.

Can be tinted with Kreidezeit Pigments if desired.

Kreidezeit Wood Hard Oil consists exclusively of natural oils and resins. It contains no 'hidden' alkyd resins produced from non-drying oils such as rapeseed, soybean or sunflower oil.

■ Properties

- Very hard-wearing, dirt and water-resistant
- Quick-drying
- Solvent-based, very economical
- Doesn't tear or become brittle
- Diffusible, antistatic and warm to touch
- Transparent, honey-toned and colour-deepening
- Easy to work with and touch up
- Suitable for children's toys according to EN 71-3
- Saliva and sweat-resistant according to DIN 53160
- Cobalt, lead and barium-free
- Vegan

■ Composition (full declaration)

Castor stand oil, tung stand oil, glycerol ester of wood rosin, balsamic turpentine and manganese drier.

■ Suitable tools

- Paint brush / flat brush
- Short-pile roller (Magic felt, article no. 6517).
- Lint-free cloth, solvent-resistant synthetic sponges
- For larger areas: Floor machines with soft pads

Do not apply product with surface/ground scraper.

■ Test surface

It is recommended to test the product on an inconspicuous surface before extensive application in order to determine whether the substrate may change colour or react with the product.

■ Substrate requirements

The substrate must be untreated, dust-free, clean, dry, non-greasy, chemically neutral and **absorbent**. The minimum temperature for application is 10 °C.

Wood moisture content < 15 %.

■ Application

Shake product briefly before application.

Apply two coats of Kreidezeit Wood Hard Oil, allowing the first coat to dry before applying the second. The substrate may require sanding before applying the second coat.

If using containers with different batch numbers, mix and stir together prior to application. The product must not be poured onto surfaces!

Clean and dust down untreated substrates.

Kreidezeit Wood Hard Oil is ready for application undiluted.

1. Initial sanding

Sand the wood (grit P80-100), rounding the edges. Do not use a finer sandpaper as this will make the wood too dense and unable to absorb enough oil.

New, smooth, planed or finely pre-sanded wood should be rough sanded to ensure the oil can be absorbed.

Dust down thoroughly after sanding.

2. First coat

On poorly-absorbent, dense woods (such as oak and larch), apply the first coat with Floor Hard Oil (article no. 310) or Hard Oil (article no. 1310).

On more absorbent, coarser woods (such as pine, spruce and beech), proceed as follows.

a) Manual application:

Apply Kreidezeit Wood Hard Oil evenly with a brush, short-pile roller, cloth or sponge. After 5-10 minutes, **thoroughly wipe** the entire treated area with a dry, lint-free cloth until the surface has a uniform satin appearance.

b) Machine application:

Apply Kreidezeit Wood Hard Oil with a short-pile roller. After 5-10 minutes, **thoroughly and quickly wipe** the entire treated area with a soft pad until the surface has a uniform satin appearance. Change pad promptly once it becomes saturated. Long exposure times and working too slowly can cause the pads to bond.

Ensure that all unabsorbed oil has been completely removed, as otherwise shiny or sticky patches may remain. Kreidezeit Wood Hard Oil **must fully penetrate into the wood. It must not form a layer on the wood.**



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3. Re-sanding between coats (optional)

Re-sanding between coats is only required if the surface has dried rough, for example if wood fibres have dried proud of the surface. Use sand paper (grit P100-120) in the direction of the fibre.

Dust down thoroughly after sanding.

4. Second coat:

Repeat as per the first coat.

5. Wax treatment

Oiled floors generally do not require wax treatment.

To improve the gloss, you can finish with Kreidezeit Carnuba Wax Emulsion (article no. 415) after at least 48 hours. To do this, dilute 1 part emulsion with 2 parts water. Apply evenly and thinly, allow to dry and polish as needed.

■ Tinting

The product can be tinted with any Kreidezeit Pigment. See our 'Pigments in Oil' colour chart for examples. Start by stirring the pigments into a small amount of the product until it forms a lump-free paste, and then stir into the main mixture. The pigments can be mixed freely with each other. Colour samples are available from our retailers. Alternatively, the product can be tinted in any ratio with Stand Oil Paint, half rich (article no. D1100-1115).

■ Dilution

The product is applied undiluted, but can be diluted as necessary with Balsamic Turpentine (article no. 447).

■ Drying time

Dust-dry after approx. 8 hours. Dry, sand and re-coat at 20 °C and 60% relative humidity after approx. 24 hours (48 hours for substrates containing tannin, oak, etc.).

High humidity, cold temperatures and substrates containing tannin significantly extend the drying time.

Hardened after approx. 4 weeks. Use the surface gently and protect from water during this time.

■ Maintenance

The surface must be re-oiled as soon as it becomes absorbent again, but no later than when grey spots start to appear. Absorption can be determined by wiping wet. If the surface becomes darker, re-oiling is required. To do this, apply the product again as described above. Very stubborn dirt can be removed beforehand with a scouring pad, abrasive cloth or sand paper (P100).

■ Cleaning, maintenance and handling

- Use surfaces very gently in the first 4 weeks and do not wipe wet.
- Sweep/vacuum with a soft broom or vacuum cleaner with a raised floor brush.
- **Never use hot water** to wipe; use lukewarm water only.
- **Only wipe with a slightly damp cloth!**
- Use a soft cotton floor cloth only.
- **Do not use microfibre cloths/pads** as these will remove the oil.
- **Remove liquid spillages immediately;** do not allow to dry.
- Maintain/restore shine using with Carnuba Wax Emulsion (article no. 415) in a mopping solution.
- Clean using Olive Care Soap (article no. 424) or Corfu Soap (article no. 226) only if needed; use sparingly.

Please see also the fact sheet 'Maintaining and cleaning oiled floors'.

■ Cleaning the tools

Clean immediately after use with Balsamic Turpentine (article no. 447) and then with Olive Care Soap (article no. 424) or Corfu Soap (article no. 226).

■ Application rate

Depending on the absorption of the substrate, approx. 0.07 litres per m² per coat.

Exact consumption rate to be determined on the actual substrate.

■ Container sizes

	Content	Range
Art. 290	0,75 l	10 m ²
Art. 291	2,5 l	33 m ²

For prices, please refer to the valid price list.

■ Storage

The product will keep for at least 2 years if stored airtight and protected from frost.

Do not stir in any oxidation layers formed during storage of partially-empty containers; remove with a spatula or strainer before application instead.

■ Disposing leftover product

Do not dispose of the product remains in wastewater, but keep hermetically sealed for later use. Dried product remains can be disposed of with household waste. Empty containers can be recycled.

Please adhere to current statutory regulations for disposing of paint and paint residues.

■ Notes

Due to the content of natural oils, a yellowing occurs on surfaces with low exposure to light. A typical odour is emitted when natural oils dry; this disappears with time. Failure to remove iron filings on the surface can cause discolouration when applying the product. Not recommended for use inside surfaces of cupboards; these are best treated with Shellac Varnish (article no. 154), Carnauba Wax Emulsion (article no. 420) or Corfu Soap (article no. 226).

■ EU VOC Value acc. to 2004/42/EC

VOC limit / Max. VOC content (cat. A/f): 700 g/l (2010),
Product contains max. 600 g/l VOC.

■ Warning

Ensure that work materials that have been soaked with the product, such as cloths and sponges, sanding dust or polishing pads with undried oil, are securely stored sealed in metal containers or in water. Avoid any contact of the oil with porous insulation; otherwise, there is a **risk of self-ignition** due to the vegetable oil content. The product itself is not self-igniting. Do not pour the product onto surfaces.

Please check for allergies to natural substances. **Keep out of reach of children!**



■ Hazard Statements

- H226 – Flammable liquid and vapour.
- H302 – Harmful if swallowed.
- H304 – May be fatal if swallowed and enters airways.
- H312 – Harmful in contact with skin.
- H315 – Causes skin irritation.
- H319 – Causes serious eye irritation.
- H332 – Harmful if inhaled.
- H411 – Toxic to aquatic life with long lasting effects.
- EUH 208 – Contains balsamic turpentine. May produce an allergic reaction.

■ Precautionary Statements

- P261 – Avoid breathing mist/vapours/spray.
- P280 – Wear protective gloves/protective clothing/eye protection/face protection.
- P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
- P331 – Do NOT induce vomiting.
- P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P303 + P361 + P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.
- P405 – Store locked up.
- P501 – Dispose of contents/container to special disposal.

The information above was determined based on our most recent experiences. Due to processing methods and environmental influences, as well as the varying nature of the substrates, liability for the general validity of the individual recommendations is excluded. Users must test the product prior to application to ensure it is fit for the designated purpose (sample coating).

This document is no longer valid if a new version is published or the product is modified. For the latest product information, please contact Kreidezeit directly or visit our website at www.kreidezeit.de.