



Hard Wax Oil

Productinformation Article no. 4202

14.09.2020

■ Our gentler oil:

Kreidezeit Hard Wax Oil is a nearly all-purpose wood surface treatment for indoor use. Hard-wearing protection for floors, countertops, tables, furniture and much more.

Hard Wax Oil creates a surface with an oiled and waxed look at the same time, with just a single product. Can be tinted with Kreidezeit Pigments.

The high linseed oil content ensures that the product doesn't dry too quickly and deeply penetrates into the tiniest of pores thanks to the small size of the molecules.

The carnauba wax fills the pores of the wood and provides a surface with a lovely feel and a beautifully silky appearance.

A light dilution with natural balsamic turpentine is recommended if applying to very dense, poorly absorbent and tannin-rich wood.

Kreidezeit Hard Wax Oil does not contain any solvents or water, and 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

- Hard-wearing, dirt and water-resistant
- Solvent and water-free, very economical
- Doesn't tear or become brittle
- Diffusible, antistatic and warm to touch
- Transparent, honey-toned and colour-deepening
- Excellent penetration
- 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)

Linseed oil, carnauba wax, linseed stand oil, tung stand oil, castor stand oil, glycerol ester of wood rosin and manganese drier

■ Suitable tools

- Paint brush / flat brush
- Short-pile roller (Magic felt, article no. 9216).
- 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

Stir product thoroughly prior to processing.

Apply two coats of Kreidezeit Hard Wax 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.

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

To ensure good penetration, it is recommended to dilute the product with at least 20% Balsamic Turpentine (article no. 4301) for the first coat on very dense, poorly absorbent and tannin-rich wood (such as oak), or if working at a low temperature.

a) Manual application:

Apply Kreidezeit Hard Wax Oil evenly with a brush, short-pile roller, cloth or sponge. After 10-20 minutes, **thoroughly wipe and polish** the entire treated area with a dry, lint-free cloth until the surface has a uniform satin appearance.

b) Machine application:

Apply Kreidezeit Hard Wax Oil with a short-pile roller. After 10-20 minutes, **thoroughly wipe and polish** the entire treated area with a soft pad until the surface has a uniform satin appearance. Change pad promptly once it becomes saturated.

Ensure that all unabsorbed oil has been completely removed, as otherwise shiny or sticky patches may remain. Kreidezeit Hard Wax 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 P 100-120) in the direction of the fibre.

Dust down thoroughly after sanding.

4. Second coat:

Repeat as per the first coat. Apply the product undiluted.

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. 5105) 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. 442).

■ Dilution

The product can be diluted with Balsamic Turpentine (article no. 4301).

■ Drying time

Dry and re-coatable at 20 °C and 60% relative humidity after approx. 24 hours (48 hours for substrates containing tannin, e.g. 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 (P 100).

■ 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. 5105) in a mopping solution.
- Clean using Olive Care Soap (article no. 5106) or Corfu Soap (article no. 5102) 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. 4301) and then with Olive Care Soap (article no. 5106) or Corfu Soap (article no. 5102).

■ Application rate

Depending on the absorption of the substrate, approx. 0.05 litres per m² per coat.

Exact consumption rate to be determined on the actual substrate.

■ Container sizes

	Content	Range
Article no. 4202-375	375 ml	7,5 m ²
Article no. 4202-750	750 ml	15 m ²
Article no. 4202-2.5	2,5 l	50 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.

■ 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.



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■ 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 on inside surfaces of cupboards; these are best treated with Shellac Varnish (article no. 8105), Carnauba Wax Emulsion (article no. 5105) or Corfu Soap (article no. 5102).

■ Hazard Classification

Not applicable, no hazardous materials.

■ EU VOC Value acc. to 2004/42/EC

VOC limit / Max. VOC content (cat. A/f): 700 g/l (2010),
Product contains max. 30 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!**

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.