

Safflower Multi Purpose Wax

Product information Article no. 4205

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Kreidezeit Safflower Multi Purpose Wax is a solvent-free, **non-yellowing** safflower oil/beeswax treatment for low-impact indoor wood surfaces – perfect for furniture, doors, beams and cladding.

Multi Purpose Wax is typically applied with a cloth. But it can be applied with a paint brush on large surfaces if diluted 1:1 with Balsamic Turpentine (article no. 4301).

Safflower Multi Purpose Wax brings out the colour of the wood grain and gives the wood a silky and anti-static surface. Can be tinted with Kreidezeit Pigments.

Ideally suited for shades with Titanium White, as the safflower oil does not yellow; it is white and stays white.

The high safflower 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 beeswax fills the pores of the wood and provides a surface with a lovely, warm feel.

Kreidezeit Safflower Multi Purpose Wax does not contain any solvents or water, and consists exclusively of natural oils and wax. It contains no 'hidden' alkyd resins produced from non-drying oils such as rapeseed, soybean or sunflower oil.

Not suitable for flooring, countertops or outdoor use.

■ Properties

- Dirt and water repellent
- Transparent and brings out the wood grain
- Doesn't tear or become brittle
- Diffusible, antistatic and warm to touch
- 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
- Solvent-free
- Cobalt, lead and barium-free

■ Composition (full declaration)

Safflower oil, chlorine-free decoloured beeswax, tung stand oil and manganese drier.

■ Suitable tools

- Lint-free cloth, solvent-resistant synthetic sponges
- Paint brush / flat brush

■ 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%. **Do not use on damp wood!**

■ Application

Stir product thoroughly prior to processing. Remove any layers of oxidation caused during storage; do not stir in. Apply one or two coats of Kreidezeit Multi Purpose Wax, 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.

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).

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

Apply Kreidezeit Multi Purpose Wax evenly with a brush, cloth or sponge. After 10-20 minutes, **thoroughly wipe** the entire treated area with a dry, lint-free cloth until the surface has a uniform satin appearance.

Ensure that all unabsorbed oil has been completely removed, as otherwise shiny or sticky patches may remain.

Kreidezeit Multi Purpose Wax **must fully penetrate into the wood. It must not form a layer on the wood.**

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 (optional)

A second coat may be necessary on more absorbent surfaces. Repeat as per the first coat.

5. Wax treatment

To improve the gloss, you can finish with Kreidezeit Carnauba 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.

■ Tip for applying over large areas

When working with large surfaces such as wood cladding and beams, it is often too difficult to apply the Multi Purpose Wax or wipe off any excess amounts on rough wood surfaces by hand. In this case, it is recommended to dilute the Multi Purpose Wax 1:1 with Balsamic Turpentine. Apply thinly and evenly with a soft brush. Allow to dry without polishing. Once the Multi Purpose Wax has dried, any areas that are touched frequently should be polished using a horsehair brush until silky-glossy.

■ 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 (P100).

■ Cleaning, maintenance and handling

- Use surfaces very gently in the first 4 weeks and do not wipe wet.
- Dry-remove any dust with a soft cloth or vacuum with a soft furniture nozzle.
- **Never use hot water** to wipe; use lukewarm water only.
- **Wipe damp only.**
- Use a soft cotton 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 Carnauba 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.

■ 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 to 0.10 litres per m² per coat.

Exact consumption rate to be determined on the actual substrate.

■ Container sizes

	Content	Range
Article no. 4205-180	180 ml	4 m ²
Article no. 4205-1	1 l	20 m ²
Article no. 4205-2.5	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.

■ 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).

■ EU VOC Value acc. to 2004/42/EC

VOC limit / Max. VOC content (cat. A/f): 700 g/l (2010),
Product contains max. 1 g/l VOC.

■ Hazard Classification

Not applicable, no hazardous materials.

■ 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.