KREIDEZEIT
Naturfarben

Stand Oil Paint resin-free

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■ Application

Kreidezeit Stand Oil Paint is a highly opaque and weather-resistant protective colour coating for wood surfaces indoors and especially outdoors, such as windows, doors, wooden facades, timber frames, playground equipment, fences and carports. Also suitable for steel and zinc.
Kreidezeit Stand Oil Paint is resin-free and biocide-free. It does not crack, tear or peel. Rather, it gradually weathers and can be easily cleaned and re-painted. Only completely non-fading and weather-resistant earth and mineral pigments are used for tinting.
Stand Oil Paint is usually applied as the second and third layer in line with the 'thinnest to richest' method recommended for oil paint:

1. **Base Oil**
   primer with excellent penetration (Article no. 4401).

2. **Stand Oil Paint -half rich-** (art 442),
   a silky-matt to satin-glossy coat with good filling effect. For intermediate and top coats.
3. **Stand Oil Paint -rich-** (art. 443),
   a glossy finish for top coats.

For surfaces with less shine, alternatively only two coats of Stand Oil Paint -half rich- can be applied indoors or outdoors.
Available in 14 ready-to-apply standard colours, which can be mixed with each other. Wide range of special tones available on request.
Also suitable for painting over old oil paints and alkyd resin paints. Limited application on floors on request. Unsuitable for stoves, ovens, radiators and heating pipes and on acrylic-based and soft/elastic synthetic resin paints, as well as on roof surfaces.

■ Wood protection by design

Keeping wood dry and preventing any long-term exposure to moisture significantly prolongs the life of the wood treatment. However, protecting your wood starts even before applying any products: it already starts in the construction phase. When you are planning your project, you should consider preventative measures such as separating the wood from the ground, using large roof overhangs, bevelling horizontal surfaces, creating drip edges, protecting the end grains and providing a ventilation cavity behind cladding.

■ Composition (full declaration)

Linseed oil, linseed stand oil, tung stand oil, balsamic turpentine, zinc oxide, talc, silica, clay, quartz, and manganese, zirconium and calcium dryer. Pigments according to colour tone: Titanium White, Iron Oxide Yellow/Red/Brown/ Black, Nickel Titanium Yellow/Orange, Spinel Blue, Chrome Oxide Green and Ochre Red

■ Properties

- Ready to apply
- Dirt and water repellent
- Very high opacity
- Doesn't crack, tear or peel
- Resin-free, weather-resistant and elastic
- Easy to keep in good condition
- Saliva and sweat-resistant according to DIN 53160
- Free from biocides
- Cobalt, lead and barium-free
- Vegan

■ Suitable tools

High-quality paint and round brushes, short-pile paint rollers. Do not use a spray to apply the product.

■ Test surface

It is recommended to test the product on a surface beforehand in order to determine the colour effect.

■ Substrate requirements

The substrate must be untreated, dust-free, clean, dry, non-greasy, chemically neutral, structurally sound and absorbent. The minimum temperature for application is 10°C. Wood moisture content < 15%. **Do not use on damp wood!**

■ Preparing the substrate / initial sanding

Completely remove any resin pockets, badly damaged old coats as well as old coats and primers with an acrylic base or unknown composition. For outdoor use: soak any absorbent cutting edges and end grain areas with Kreidezeit Resin Oil (article no. 11108) and allow to dry for at least 24 hours.
Sand 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. Sand any old coats with an oil or alkyd resin (grit P80-100). Dust down thoroughly after sanding.

■ Application

Processing and drying temperatures: at least 10°C for a minimum of 48 hours.
Stir product thoroughly prior to processing. Remove any layers of oxidation caused during storage; do not stir in. 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. Apply product thinly and evenly with a brush or roller. Avoid applying excess amounts or ensure to spread them thinly. Spread out any coalesced paint from the corners using an unloaded brush. Only apply subsequent coats once the previous coat has dried thoroughly.

■ Dilution

It may be necessary to dilute the Stand Oil Paint depending on the temperature, substrate and tools you are working with. The product can be diluted by adding between 5 and 10% of Balsamic Turpentine (article no. 4301).

■ Re-sanding between coats (optional)

After applying the primer or intermediate coat, a second sanding may be necessary if the surface has dried rough or has come up too shiny, for example if wood fibres have dried proud of the surface. Use sand paper (grit P150-180) in the direction of the fibre. Dust down thoroughly after sanding.

■ Number of coats on wood (indoors and outdoors)

1. Primer
Prime regular absorbent wood and weathered, absorbent old coats with an oil or alkyd resin base using Base Oil (article no. 4401). **Thoroughly wipe** the surface after 10 minutes with a dry cloth and remove any non-absorbed oil. Do not prime non-absorbent old coats.

2. Intermediate coat
Use Stand Oil Paint -half rich- (art. 442)

3. Finish for satin surfaces
Use Stand Oil Paint -half rich- (art. 442)
or
Finish for glossy surfaces
Use Stand Oil Paint -rich- (art. 442)

Tip for windows/doors:
Keep windows and doors open for at least 24 hours after the last coat of paint is applied. The folds can be treated with Kreidezeit Talcum (article no. 11115). This prevents new coats from bonding.

■ Applying to metal

Steel (outdoors):
Remove rust, grease and dust.

1. 2 priming coats
Use Rust Protection Paint (art. 8107).
Allow to dry for several days!

2. at least 1 top coat
Use Stand Oil Paint -rich- (art. 443)

Substrates in dry indoor areas do not need to be primed with rust protection paint.

Zinc (outdoors):
Allow at least 1 year to weather, wash the oxidized surface with soapy water and a scouring pad (do not use steel wool!)

1. Intermediate coat
Use Stand Oil Paint -half rich- (art. 442)

2. Final coat
Use Stand Oil Paint -rich- (art. 443)

■ Tinting

All Stand Oil Paints can be mixed with each other in any ratio. Do not tint with pigments.

■ Cleaning the surface

For light dirt, clean only with lukewarm water without any additives. For heavier dirt, clean using Olive Care Soap (article no. 5106) or Corfu Soap (article no. 5102).
Kreidezeit Stand Oil Paint is environmentally-friendly and intentionally non-fungicidal. Therefore, it is vital to inspect external surfaces at least every six months for fungus caused by condensation, which usually starts with small black spots; remove these immediately with water and soap.

■ Care

With a little bit of care, the durability of Stand Oil Paint coatings applied outdoors can be considerably increased.
Visually check coated surfaces at least twice a year for impurities and damage.
Do not touch up glossy areas (risk of greasy, sticky surface)!
For areas that have lost their shine, use transparent Wood Lazure (article no. 4403) or Care Oil (article no. 5104), rubbing it on very thinly with a soaked cloth immediately after noticing. Then after 10 minutes, rub the surface with a dry cloth until a uniform silky-glossy appearance is achieved. The level of protection and original colour intensity will be restored.
Especially recommended for caring for wooden windows: Kreidezeit Window Care Set (article no. 5103).

■ Maintenance

The substrate will need to be re-coated as soon as Stand Oil Paints start to weather severely, chalk intensely or the surface of the wood becomes visible. Clean with soap as described above and allow to dry. Very stubborn dirt can be removed beforehand with a scouring pad, abrasive cloth or sand paper (P100). Lightly sand glossy areas (grit P100). Treat absorbent wood parts with Base Oil (article no. 300).
When re-coating Kreidezeit Stand Oil Paint, use Stand Oil Paint, half rich or rich.
How often you need to re-apply the product heavily depends on the degree of weathering and the general level of care. There is no specified interval for renovation.

Renovation of non-maintained surfaces:
Weathered sides: approximately every 4-6 years
Non-weathered sides: approximately every 7-10 years

Renovation of maintained surfaces:
Many years later. Looking after your surfaces is worth it!

■ Drying time

Dry and re-coatable at 20°C and 60% relative humidity after approx. 24 hours. High humidity, cold temperatures and substrates containing tannin significantly extend the drying time. Hardened after approx. 4 weeks.

■ 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. 0.06-0.08 litres per m² per coat. Exact consumption rate to be determined on the actual substrate.

■ Container sizes:

Stand Oil paint, half rich and rich is available in 14 standard colour tones.

Content	Range
375 ml	6 m2
0,75 l	12 m²
2,5 l	40 m²

For prices, please refer to the valid price list.

■ Standard tones according to NCS / RAL

White	S 0502 Y	/ RAL 9010
Yellow	S 1050 Y 10 R	/
Orange	S 2070 Y 20 R	/
Ochre	S 3050 Y 20 R	/
English Red	S 4050 Y 80 R	/
Blood Red	S 5040 Y 90 R	/ RAL 3009
Grey Blue	S 4020 R 90 B	/ RAL 5014
Dark Blue	S 7020 R 90 B	/
Green	S 5040 G 20 Y	/ RAL 6001
Dark Green	S 8010 G 30 Y	/ RAL 6009
Brown	S 7020 Y 30 R	/
Dark Brown	S 8505 Y 80 R	/
Black	S 9000 N	/ RAL 9011
Light Grey		/ RAL 7035

The colour numbers are only approximate. Deviations from the colour charts are to be expected, due to the mix with earth and mineral pigments.

■ Special colour tones

We mix special colour tones on request according to your specifications, such as RAL, NCS, Sikkens 4041 and Caparol 3D plus. Please contact to our laboratory for more information.

■ 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. Fungal infection is not covered by the warranty. 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/d): 300 g/l (2010), Product contains max. 290 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!**

Danger

■ 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.
- EUH 210 – Safety data sheet available on request.
- EUH 211 – Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

■ 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 application 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.