Linseed Oil Varnish

Naturfarben GmbH

Product Information
410 - 414

- **GENERAL**

Linseed oil is the main raw material for oily natural paints. It is won from the seeds of the Flax plant. The Flax seeds are mashed and pressed cold under high pressure. The oil yield is up to 90%.
Linseed oil dries by absorbing oxygen from the air. Wood treated with pure linseed oil needs several days to dry thoroughly. To improve this long drying time, drying agents are added to the linseed oil.
This product is named Linseed Oil Varnish by definition.

- **APPLICATION**

1. Protection for all wooden surfaces in the interior, especially furniture, doors, worktops, panels etc.
   Natural stone and cork can also be treated.
2. For priming: dilute Linseed Oil Varnish at a ratio of 1:1 with Balsamic Turpentine (Art.No. 447) (=> **Half Oil**)
3. As a paste mixed with chalk as putty for windows (linseed oil putty).
4. To make oil paints.

- **PROPERTIES**

- diffusible
- dirt- and water repellent
- excellent permeation capability
- brings out the wood texture
- gives a warm honey tinge to bright wood
- does not tear or crack
- can be repaired locally in case of damage
- excellent yield

- **INGREDIENTS (FULL DECLARATION)**

Linseed oil, lead-free drying agents (Manganese).

- **USAGE**

The surface must be untreated, dry, clean, free of fat and absorbent.
Application temperature at least 10°C.
We recommend to make samples (trial coating) in a concealed area to evaluate possible colour changes of the wood.

Strongly absorbent wood (old beams, leached furniture etc.) can be primed with diluted Linseed Oil Varnish (see “Half Oil”)
Undiluted Linseed Oil Varnish is applied thin and evenly with a paint brush. Avoid residues resp. take them off after approx. 20 minutes with a lint-free cloth until the surface is evenly silk-matt.

Residues look like wet shiny spots or puddles. They might not dry thoroughly, stay sticky and lead to differences in shine if they are not removed. Do not overcoat these spots but remove with blade, scrubbing sponge or mild (5%) caustic soda (see Info 992) and treat again.

For exemplification:
Linseed Oil Varnish is not supposed to form a layer on the wood, it should permeate into the wood and fill the pores.

- **MAINTENANCE**

Clean minor stains on oiled and waxed surfaces only with lukewarm water without any additives.
Do not use hot water and degreasing resp. abrasive cleaners.
We recommend the refattening Marseille Soap (Art.No. 220) to clean moderate staining. Use Carnauba Wax emulsion (Art.No. 420) for general care, both added to the wiping water.
Clean with a scrubbing sponge (without soap) if stressed parts of the surface lose their shine.
Use mild soda (2.5%) to clean large areas (see Info 992).
A renovating coat with Linseed Oil Varnish is normally necessary after the two last mentioned methods of cleaning.
Iron filings on the surface which are not removed can lead to discolouring when overcoated with Linseed Oil Varnish.

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- **DRYING TIMES**

Safe to coat after approx. 24hrs. at 20°C and 65% relative humidity.
High humidity, coldness, surfaces containing tannin (oak etc.) and too thick layers can increase the drying time significantly. The hardening process takes approx. 4 weeks, treat surfaces gently during this time.

- **YIELD**

According to absorbency of the surface approx. 0.050–0.100ltr/m² per coating.

- **PACKAGE SIZES**

Art.No. 410	1l
Art.No. 411	2.5l
Art.No. 412	5l
Art.No. 413	10l
Art.No. 414	20l

Please refer to the valid price list for product prices.

- **STORAGE**

Linseed Oil Varnish can be kept several years if stored cool, above zero degrees centigrade and sealed airtight.
Store residues in small containers to prevent skins on the oil. Oil polluted by skins can be cleaned by decanting it through a filter (e.g. a nylon stocking).
The drying agents in the oil can loose their effectiveness if the oil is stored longer than approx. 2 years. The drying times can increase significantly in this case.
The drying capability can be restored by adding 25ml of Siccative (Art.No. 435) to 1ltr of old Linseed Oil Varnish. Add Siccative while stirring quickly (paint stirrer) and let set for 24hrs.

- **CLEANING OF TOOLS**

Immediately after use with Balsamic Turpentine (Art.No. 447) or with slightly soapy water (Marseille Soap, Art. No. 220).

- **DISPOSAL OF RESIDUES**

Do not dispose of residues into the sewage system, keep them sealed airtight and use up later. Dried residues can be disposed of with normal household litter.
Disposal of empty containers through resource collection points.
Adhere to legal regulations for disposal of resin- and paint remainders.

- **HAZARD CLASSIFICATION**

Not applicable, non-hazardous product.

- **SAFETY ADVICE / NOTES**

Cloths containing drying oil can self-ignite!

Let drenched cloths dry outside or keep them in a closed, fire-proof container (glass or tin can).
Ensure that Linseed Oil Varnish does not come into contact with porous or absorbent insulation materials like expanded clay or cellulose insulation during application. There is also danger of self-ignition!

Keep out of reach of children.

Consider possible allergies to natural substances.

Discolouring may occur in areas with low natural light. With drying of natural oil products a typical smell may be present, however, this will disappear with the time.

The above information has been compiled in accordance with the best of our experience and knowledge. Owing to the application methods and environmental influences, as well as the various surface properties, no liabilities or legalities pertaining to the individual recommendations can be entertained. Prior to application, the suitability of the product is to be tested (trial coat). The validity of the text ceases with revisions or product modifications.
You will find the latest product information at
>> www.kreidezeit.de << or directly at Kreidezeit.

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