

Naturtrend Einschicht-Hartwachsöl NWO

Product description

NWO Naturtrend Einschicht-Hartwachsöl (Naturtrend Single Layer Hard Wax Oil) is a surface treatment product which warms up the underground slightly and is based on high quality oils and waxes with good filling power and penetration properties. It is extremely suitable for industrial processing (lines of machinery). **As a rule, a one-time application is sufficient.** Surfaces treated with NWO Naturtrend Einschicht-Hartwachsöl repel water well and are hard wearing. NWO is free of toxic substances, solvents and allergy-triggering terpenes (e.g. citrus terpenes, balsam turpentine oil, etc). NWO Naturtrend Einschicht-Hartwachsöl contains sunflower oil, soya oil, rapeseed oil, thistle oil, nut oil, poppy oil, carnauba wax, bee's wax as well as lead and barium-free dry substances..

Range of application

Suitable for all indoor wooden surfaces that are exposed to a lot of hard wear. For example: wood and cork floors, furniture, work surfaces, wooden ceilings in wet rooms etc.

Surfaces

All soft or hard wood types as well as exotic timbers, solid or veneer (also stained), cork, stone.

Preparation

The underground must be dry (wood dampness must not exceed 14%) and be grease and dust-free. Recommendation: sand in stages using grain sizes 180, 220, 280 and 320. The more finely it is sanded, the better the results of the final surface. With floors, wood sanding with a grain size between 180 to 240 is adequate.

Application

Example: Apply NWO Naturtrend Einschicht-Hartwachsöl as a first coat on previously installed wooden floors or stairs. Apply evenly using an oil-resistant roller or brush (spray applications are also allowed using a flow tumbler or an electric hot spray gun, but use relatively low pressure and normal nozzle diameters; contact ATA ZWEIHORN in event of possible queries). In areas where the oil sinks in and appears to be dry, reapply material immediately until the oil remains visible evenly everywhere. Wait 15 minutes and then use a rubber squeegee or wiper to remove any excess and then massage the wet material into the wood with a pad (beige) or cloth until the surface appears to be dry.

No more oil should remain on the surface. The area can be repolished with a soft pad (white) after 24 hours of drying time. This will significantly improve the surface's resistance to wear. The surface cannot be utilised fully for 8 – 10 days. If you need to walk on it earlier, walk on it in socks or wear slippers with felt soles. All contact with water should be avoided during this time. The longer the surfaces are protected during the initial days, the longer the floor will last. Do not use any plastic sheeting as a covering; use only corrugated cardboard with the wavy side facing down. The application should utilise 25-35g/m² but this value can fluctuate depending on the type of wood. **Thus, you can treat 25-40m² with one litre.** Applying larger quantities means considerably longer drying times. (You will need to ascertain the exact quantities based on the item in question). Strongly absorbing floors (solid floor or wood-block, etc.), may require two or three applications. The described application method is specific to floors and stairs. Naturally, other wooden parts such as furniture, doors, shelves or cupboard parts etc. can also be treated with Naturtrend Hartwachsöl NWO. In that case, just spreading out the excess with a lint-free, absorbent rag is sufficient. Surfaces can

be retreated with NBW Naturtrend Bienenwachs Balsam (Naturtrend Bee's Wax Balsam) or NHW Hartwachs (Hard Wax).

NWO Naturtrend Einschicht-Hartwachsöl can be coloured using any Zweihorn (wood varnish colour tone with a ratio of 1:1. A colourless top coat of NWO is needed to protect the coloured surface.

Important: Cloths that have been soaked in NWO Naturtrend Hartwachsöl (hard wax oil) must either be stored in water or in a hermetically sealed closed container.

Danger of spontaneous ignition!

Aftertreatment/Instructions for care

Surfaces treated with NWO Naturtrend Einschicht-Hartwachsöl must be retreated using the same material, depending on the use, after an appropriate period of time.

Appropriate cleaning: Vacuum or sweep as usual. If the floor is very dirty, add a little NHS Naturtrend Holzbodenseife (Naturtrend Wooden Floor Soap) (~ 250 ml in 10 litres of water) to wash floor. Do not overwet floor when washing! Subsequently, apply an even layer of NPM Naturtrend Pflegemilch (Naturtrend Gentle Cleaning Milk) and let it dry without polishing. Please refer to separate Technical Datasheets for NHS and NPM!

Product data

Batch sizes	5l,
Viscosity at delivery DIN – 4 mm	ca 45 sec.
Shelf life in unopened original batches	2 years

Special notes/ Characteristics

- Clean the tools with NHS Naturtrend Holzbodenseife (Naturtrend Wooden Floor Soap), Zweihorn Special IR Intensive Cleaner or white spirits

- NWO Naturtrend Einschicht-Hartwachsöl is biodegradable but must not be allowed to get into the sewer system

- NWO Naturtrend Hartwachsöl (Naturtrend Hard Wax Oil) allows itself to be processed seamlessly, can be walked on, is water and dirt-repellent

- Naturtrend Einschicht-Hartwachsöl is highly heat resistant (to 120°C)

- It is not possible to give firm drying times for wood surface treatments with NWO Naturtrend Einschicht-Hartwachsöl. Terms such as dust-dry or sandable are of no relevance in the usual sense. No comparisons are possible with conventional lacquers.

Complies with following test standards:

a) DIN 53160 Saliva and sweatfast (suitable for children's toys)

b) EN 71-3 (free of soluble heavy metals, suitable for children's toys)

c) DIN 68861, Part 1, Stress Group C

Zweihorn products are produced for the professional user, who has a basic knowledge of the stockturn and the application of stains, varnishes, glazes and glues. The user information for our qualities given in the leaflets should be regarded as non-binding recommendations. They are based on our test series and experiences and should facilitate and promote the work of our clients. A possible necessary adjustment to the individual working conditions lies within your responsibility. If in any doubt, our material experts as well as our application and laboratory technicians will try to help you as best as they can. We guarantee of course the impeccable quality of our products based on our General Sales and Delivery Conditions. All current technical data sheets are herewith voided. The use of the final product lies entirely within the responsibility of the buyer. As long as we haven't guaranteed in writing specific characteristics and suitabilities of the products for a contractually agreed purpose, any advice or information given regarding the application, even if the advice or information is given to the best of our knowledge, will be non-binding. Nor does it relieve the buyer, either from his own inspection, and if need be through a trial processing. Furthermore, we are only liable according to Chapter 1 of our General Conditions for advice either given or rejected, which does not refer to the characteristics and use of the delivered product