



SYNTEKO HARDWAX OIL

ROLL-ON

An oxidative- hardening hardwax-oil, based on renewable ingredients for indoor use. Provides dirt- and water repellent surface resistant to wear and tear.

AREA OF USE: Hardwood and parquet floors, cork, OSB surfaces, bamboo and other surfaces indoors.

PRODUCT FEATURES:

- Renewable and sustainable raw materials
- Easy application with roller or brush
- Moisture regulating effect
- No padding need if properly applied

COVERAGE:

- Ca 15-20 m²/l, depending on tools and wood species

TOOLS:

- Hard wax brush
- Short hair mohair roller (4mm)
- **Place used pads, cloths, spillages and waste in a sealed, water filled metal container immediately after use.**

NOTE:

Apply two very thin layers (second layer can be applied after the first one has dried). Starting at the edges, then apply alternately across and with the grain.
Ensure proper ventilation! Final strength ca 7-10 days.

TECHNICAL DATA:

BASE MATERIAL	Natural raw materials, vegetable oils and resins. linseed oils
SOLIDS CONTENT	Approx. 45 %
DRYING TIME	Approx. 4-6 hours 1st coat; 24 hours 2nd coat @ +20°C/55% RH
STORAGE	Contents of opened container might start hardening when stored a longer time. Recommended to be stored between +10°C (+50°F) and +30°C (+86°F). Sensitive to frost.
SHELF LIFE	24 months in unopened container from production date (s. package)
PACKAGE SIZE	1L, 5L
CLEANING OF TOOLS	Clean tools with White spirit after use. Always remove as much oil as possible from the tool before cleaning
VOC	520 g /l (EU limit value for this product (cat. A/f): 700 g/l (2010) 2004/42/CE

DURING THE APPLICATION:

- The oil should have room temperature.
- Floor temperature must be between 15 and 25°C
- The moisture content of the wood should be between 5% and 12%.
- Shake the can carefully before and during use.
- Do not apply areas larger than 20 m² at a time (10 m² at a time in good drying conditions).
- Do not dilute oil

USING THE FLOOR:

- The floor can be used between 1-2 days after the last layer applied
- Do not wet a floor that has been treated with Synteko floor oils during the first week after application to avoid white spotting (water marks).
- Wait at least 14 days before laying rugs or carpets.
- Do not use vapour-proof, non-skid underlays or other coverings.
- Attach felt pads to the legs of chairs and tables in order to avoid scratching the surface.
- Vacuum or mop floors with Synteko SOAP regularly.

ATTENTION!

- Do not allow unabsorbed oil to dry! Dried unabsorbed oil produces glossy spots on the surface.
- Too much oil will result in a longer drying time and potentially sticky surface
- The oxygen curing process will slow down significantly if the temperature is below 18 °C. In such cases allow extra time for floor to dry and material to cure
- Any floor heating system must be turned off well before application
- Be sure to start regular maintenance before the surface is worn through to bare wood.
- On dense and highly oily resinous timbers do not to sand too finely and close up the timber grain as this will not allow the oil to penetrate into the timber pores.
- Using polishing pad/ machinery, floor could be turned more glossy
- **NB! Place all organic materials like cloth in a metal container filled with water for at least 16 hours to avoid self-combustion. Dispose of them according to regulations.**

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DIRECTIONS FOR USE



OILING OF UNFINISHED FLOORS OR FLOORS WHERE OLD FINISH MUST BE REMOVED

1. PREPARATION OF FLOOR

- Machine sand the surface to remove old treatments and impurities in the wood. The first sanding is carried out with a coarse sandpaper and high roller pressure. Use accepted NWFA or NOFA procedures.
- Make the floor surface as even as possible. If the floor is uneven in spots, sand locally to even out these areas.
- The final sanding is made with 100-120 grit sandpaper or screen, and with the lowest possible roller pressure. If roller pressure is too high, the soft springwood may be compressed. When moisture from the finish affects such softwood, it will raise the grain of the floor by swelling back to its original volume.
- Vacuum and tack the floor before applying the finish. Do not forget to remove dust on skirtings, windowsills, radiators, etc.

2. PREPARATION FOR OILING

- Before starting work, protect adjacent areas against splashing and spilling.
- The number of coats necessary depends on how much oil the floor will absorb. Normally max 2 coats are needed
- The best result is obtained with thinner coats. Softwoods and beech absorb more; hard and exotic (oily) woods absorb less oil. The wood should be well fed, but not overfed.
- Plan your work well, large areas should be divided into smaller areas of 15 - 20 m² (161 – 215 ft²) or areas which are possible to handle in 20 minutes. In hot, dry weather the areas should be further reduced to avoid overlapping roller marks and consecutive excess oil layer on floor
- Be aware of cold timber floors as this will dramatically retard the curing process.
- Shake the can carefully before and during the use.
- Solid and veneered wood absorb the oil differently, which may result in colour deviations between them. Always oil test pieces!

3. OILING

- 1st coat: Apply Synteko HARDWAX OIL with hardwax brush or short hair roller, distribute with roller carefully to avoid excess oil remaining at pouring spot. Consumption: approx. 50ml/m²
- Use a small brush or a small applicator in areas where it is difficult to reach with the normal tools. Too much oil in puddles will splash around.
- If desired, carry out intermediate sanding with 150 grain.
- 2nd coat: Apply Synteko HARDWAX OIL evenly with oil-mohair roller
Consumption: approx. 30ml/m²
Total consumption: approx. 80ml/m² , 1L/for approx. 12m²
When renovating and already oiled surface, one coat on the dirt cleaned surface is usually sufficient.
Remove all excess oil with a non-flocculent cotton cloth shortly after application. NB! Excess oil remaining on floor causes glossy spots on surface and/ or sticky surface!

4. DRYING

- The drying time can be extended to at least 24 hours for cork and exotic woods rich in ingredients.
- Otherwise, the finished oiled surfaces can be walked on carefully (e.g. with socks) within 24 hours. The surface can be fully used (laying carpet, placing furniture) after approx. 7-10 days. If covering is necessary, only cover with corrugated cardboard (corrugation upwards!), not with foil, so as not to hinder the oxygen supply. The longevity and conservation of value depends strongly on the care taken in the first few days. The drying times given refer to normal conditions (+20°C and 55% rel. humidity). High humidity and low temperature delay drying.
- Ensure good ventilation.

5. POLISHING

- After approx. 3 hours the floor could be buffed using a red pad with a dry non-flocculent cotton cloth wrapped around the pad and 150 r.p.m. adjustment of the buffer.
- NOTE! Polishing will turn originally satin or matt appearance more glossy thus must be performed with extra care across whole area.

SYNTEKO FLOOR OILS CARE AND MAINTENANCE



Surfaces treated with Synteko floor oils are easy to keep clean. Regular maintenance will restore your floor's lustre and keep it looking beautiful for very long time.

Vacuum cleaning and, if necessary, mopping with a **Synteko SOAP** solution and a well wrung cloth is normally sufficient. Marks from rubber heels, shoe polish, lipstick, ink, etc. should be removed immediately with **Synteko REMOVER** or with mineral spirits. Avoid scrubbing with coarse brush or strong detergents.

For periodic maintenance of floors treated with Synteko oils use **Synteko RE-COVER**. How often you use it will depend on the amount of traffic and how often the floor is cleaned:

- normally every other year for residential areas
- approx. 2–4 times per year for commercial areas.

Be sure to begin regular maintenance before you wear through to the bare wood. You can also use RE-COVER for local repairing.

HOW DO I USE SOAP ?

1. When necessary, for regular cleaning, but no sooner than one week after oil treatment.
2. Floors may be washed with a 1:20 dilution of Synteko SOAP in lukewarm water, using Synteko Spray Mop Kit or well wrung cloth.

HOW DO I USE REMOVER ?

1. Vacuum or mop the floor to remove any dirt.
2. Prepare Synteko REMOVER as follows:
 - Heavy duty cleaning: 50-100ml/10l water
 - Polish removal: 500-1000ml/10l water
 - Polish removal Oak: 100-500ml/10l water
3. Soak a cloth in the mixture; do not pour it directly onto the floor.
4. Wet mop, let the mixture act for a few minutes and then dry mop.
5. Further cleaning with 1 part vinegar to 9 parts water is recommended if sanding and recoating is to be done.
6. The floor must be completely dry before screening and recoating.

HOW DO I USE RE-COVER ?

1. Clean the floor with a Synteko REMOVER solution.
2. Make sure the floor is completely dry before applying Synteko RE-COVER.
3. Apply it thinly with a rubber spatula, floor cloth or similar.
4. Allow the floor to absorb the RE-COVER for 10–15 minutes before applying it again (if necessary).
5. Let the surface dry for 20 minutes and polish the floor with a clean, dry, non-flocculent floor cloth.
6. The floor may be used after 2–4 hours.
7. Read also separate product information for RE-COVER.

HEALTH & SAFETY INFORMATION

FOR PROFESSIONAL USE ONLY! Detailed information and guidance is provided in our MSDS (Material Safety Data Sheet) www.synteko.com. The following only represents a selection of important information.

CONTAINS DRYING OIL. COLLECT AND KEEP SPILLAGES, USED RAGS ETC IN FIREPROOF CONTAINER AND DESTRUCT. RISK OF SELFIGNITION OF USED TOOLS AND MATERIALS such as rollers, polishing pads and cloths!

EUH 066 Repeated exposure may cause skin dryness or cracking. Oil saturated cloths and pads can self-ignite. Do not take internally. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not breathe vapors or spray mist

Our information is based on laboratory tests and is considered a guide in connection with choice of product and working method. As your working conditions are beyond our control, we do not assume any responsibility for the results. Our responsibility covers exclusively personal injury and damage to property, which actually have been proved subsequent to faults and defects in one of the products manufactured by us.

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