

## SYNTEKO HARDWAX OIL

1635



A solvent-free hardwax-oil, based on vegetable raw materials, that makes the parquet and wooden floors more resistant to wear, slipping and liquids.

**AREA OF USE:** all wooden and parquet floors in high traffic areas.

### PRODUCT FEATURES:

- Renewable raw materials, cobalt-free, no solvents
- Excellent wear-resistance thanks to very good finishing properties
- Anti-slip class R10 according DIN 51130
- Very good resistance to water (no significant marks after 24h)
- 1 day system: apply today, use the floor with caution tomorrow
- Can be tinted with Synteko TINTING PASTE in 7 colours

### COVERAGE:

- 15 – 60 m<sup>2</sup>/l, depending on tools and wood species

### TOOLS:

- Rubber spatula, 300-500 mm width
- Red pad
- Non-flocculent cotton cloth or trowel for polishing
- Clean tools with white spirit.
- Place used pads, cloths, spillages and waste in a sealed, water filled metal container immediately after use.

### DURING THE APPLICATION:

- The oil should have room temperature.
- Floor temperature must be between 15 and 25°C (60 to 77°F)
- 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 m<sup>2</sup> at a time (10 m<sup>2</sup> at a time in good drying conditions).

### USING THE FLOOR:

- The floor can be used between 1-2 days after the last polish.
- 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 for three 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.

### TECHNICAL DATA:

BASE MATERIAL	PU linseed oil
SOLVENTS	No solvent
SOLIDS CONTENT	Approx. 99,5 %
VISCOSITY	2,8 P ICI at 23 °C
DENSITY	Approx. 970kg/m <sup>3</sup> (8,1 lbs./gal US)
FIRE HAZARDS	Not flammable
DRYING TIME at 23°C (73°F)/50% RH	Approx. 12 hours
STORAGE	Store frost-free. Must be stored between +10°C (+50°F) and +30°C (+86°F)
SELF LIFE	36 months in unopened container from production date (s. package)
PACKAGE SIZE	1L, 5L

### 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.
- On wood with low absorption, leave some areas untreated during the first application. These areas will be filled during the redistribution procedure.
- The oxygen curing process will be extremely slow if the temperature is below 18 °C.
- Any floor heating system must be turned on during application and polishing.
- 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.
- **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.**

# SYNTEKO HARDWAX OIL

## 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. TINTING

- The mixing of HARDWAX OIL with TINTING PASTE is easily done by adding the tinting paste to the oil and shaking the container thoroughly (see separate product information).
- Always use full tubes of tinting paste.
- Be sure to completely empty the tube into the oil in order to avoid colour differences
- Tinted oil has all same properties as neutral oil.
- TINTING PASTE is available in 7 colours:



Ebenholz



Mahogany



Olive



Rose Wood



Steel Blue



Teak



White Wood

#### 3. 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.
- The best result is obtained with several 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 m<sup>2</sup> (161 - 215 ft<sup>2</sup>) or areas which are possible to handle in 20 minutes. In hot, dry weather the areas should be further reduced.
- Be aware of cold timber floors as this will dramatically retard the curing process.
- Shake the can carefully before and during the use.

#### 4. OILING

- Apply Synteko HARDWAX OIL with an applicator with rubber blade (squeegee) or pour directly on floor and distribute with red pad.
- Use a small brush or a small applicator in areas where it is difficult to reach with the normal applicator. Too much oil in puddles will splash around.
- Use 150 r.p.m. or similar adjustment of the buffer. Redistribute the oil with a red pad - it is necessary to start within 20 minutes in normal temperatures.
- Add more oil if necessary.
- Repeat the process as long as the wood is absorbing the oil.
- When the wood is saturated, rub the whole surface with a red pad using a 150 r.p.m. buffer.
- Remove all excess oil with a non-flocculent cotton cloth and a red pad.
- Change cloth or pad when it has filled up or becomes sticky.

#### 5. POLISHING

- After approx. 3 hours the floor must be buffed using a red pad.
- Final polishing is done with a dry non-flocculent cotton cloth wrapped around the pad and 300 r.p.m. adjustment of the buffer.
- Do not allow unabsorbed oil to dry! Dried unabsorbed HARDWAX OIL gives glossy spots on the surface.

# 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 1617** 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 1692** 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 1620**. 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 1617?

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 a well wrung cloth.

### HOW DO I USE REMOVER 1692?

1. Vacuum or mop the floor to remove any dirt.
2. Prepare Synteko REMOVER as follows:
  - For normal cleaning, ½ - 1 part Synteko REMOVER to 100 parts water
  - For heavy cleaning, 2–3 parts Synteko REMOVER to 100 parts 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 1620?

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](http://www.synteko.com). The following only represents a selection of important information.

**RISK OF SELFIGNITION! CONTAINS DRYING OIL. COLLECT AND KEEP SPILLAGES, USED RAGS ETC IN FIREPROOF CONTAINER AND DESTRUCT.**

Keep out of reach of children. If medical advice is needed, have product container or label at hand. Do not get in eyes, on skin, or on clothing. Call a POISON CENTER or doctor/physician if you feel unwell. Dispose of contents and container in accordance with all local, regional, national or international regulations.

EU limits for this product (cat. A/i): 500 g/l (2010). This product contains max 4 g/l VOC.

*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.*

Producer:  
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[www.synteko.com](http://www.synteko.com)

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