



Product information

SYNTEKO SOLID 1612

DESCRIPTION

Synteko Solid is an alkyd based high solid oil with excellent properties. Due to the high solid content Synteko Solid covers approx. three times more than normal wood floor oil. The product is oxygen curing and provides a beautiful smooth surface with an excellent resistance to wear. Synteko Solid is therefore especially recommended in commercial areas like offices, stores, museums, and other areas where a high wear resistance is needed.

Synteko Solid is formulated for treatment of wood and cork floors but also wooden stairs, windowsills, benches etc.

TECHNICAL DATA

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| Base material | Alkyd ester |
| Solvent | Aromatic free white spirit (UK)/mineral spirits (USA)(Aliphatic hydrocarbon) |
| Density | 937 kg /m ³ (9,39 lb/gal UK) (7,82 lb/gal US) |
| Viscosity | 130 cP ICI at 23 °C (73°F) |
| Flash point | Flammable +76 °C (169°F) |
| Coverage | * 15-60 m ² /l |
| Drying time | Approx. 16 hours at 23°C (73°F)/50% RH |
| Time for application and buffing | It is recommended to wait about 3 hours after the last application before the final buffing is made |
| Shelf life | 24 months in unopened container. May not be exposed |
| Storage | Store frost-free. Must be stored between +5°C (+40°F) and +30°C (+86°F) |
| Tools | For application: Applicator with rubber blade, steel spatula or directly with red pad For rubbing: Red pad |
| Cleaning | For polishing: Red pad and a non-flocculent cloth Clean tools with white spirit (UK)/mineral spirits (USA). Place contaminated rags, steel wool or waste in a sealed, water filled metal container immediately after use. |

* Depending on tools and wood species.

DIRECTIONS FOR USE

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

Sanding

Sand floors using accepted MFMA, NWFA or NOFMA procedures (US).

Machine sand the surface to remove old treatments and impurities in the wood. The first sanding is made with a coarse sandpaper and high roller pressure. 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 120-150 grit sandpaper or screen, and with the lowest possible roller pressure.

Important! Vacuum and tack the floor before applying Synteko Solid. Do not forget to remove dust on skirtings, windowsills, radiators, etc.

Application and polishing

During use, the oil should have room temperature.

Floor temperature: Between 20 and 25°C (68 and 77°F).

Moisture contents of wood: Between 5 and 12%.

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 less oil. The wood should be well fed, but not overfed.

Plan your work well, large areas should be divided into smaller areas of 20 to 50 m² (200 to 500 sq.ft) or areas which are possible to handle in 20 minutes. In hot, dry weather areas should be further reduced.

Apply Synteko Solid with an applicator with rubber blade, with a steel spatula 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. 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 by using the red pad. Change pad when it is filled up.

After 3-16 hours buff the floor using a red pad. Final polishing is done with a dry, non-flocculent cloth wrapped around the pad.

Note: Do not allow unabsorbed oil to dry! Dried unabsorbed oil gives glossy spots on the surface. Re-polish secondary bleeding of oil with red pad before exposure to traffic 1 to 2 days after final polishing. Wait for 3 days before placing rugs or carpets and do not use vapour proof, non-skid underlayments or other coverings.

CARE AND MAINTENANCE

Do not wet the floor for the first week. Vacuum or dry-mop floors regularly. When necessary, wash with water and Synteko Soap 1617 (see separate Product Information) using a well wrung cloth.

For periodic maintenance wash with Synteko Remover 1692, let dry completely and use Synteko Re-Cover 1620 (see separate Product Information). After approx. 2 hours, the floor may again be stepped on.

ENVIRONMENTAL DATA

Detailed information and guidance is provided in our MSDS (Material Safety Data Sheet). The following only represents a selection of important information.

Note: Do not breathe vapour and spray mist. Risk of self-combustion. Contains drying oil. Collect and keep spillages, used rags etc in fireproof container and destruct. Contains: Butanone oxime (2-) Cobolt carboxylate. Keep out of reach of children. Safety data sheet available for professional user on request.



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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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