

SYNTEKO URETHANE

1664 matt, 1665 semi-gloss, 1666 gloss



Synteko URETHANE is a one-component finish, for soft- and hardwood floors. Synteko URETHANE can be used to recoat itself and most others oil modified urethanes.

AREA OF USE: Subjected for domestic areas

PRODUCT PROPERTIES:

- durable
- easy to use
- no need for sealer
- good resistance to grease, water, alcohol and household chemicals

COVERAGE:

- 7–15 m²/l, depending on tools and wood species.

TOOLS:

- Mohair felt applicator ca. 300-500 mm with 5 mm pile high
- Mohair roller ca. 300 mm with 5 mm pile high
- Clean tools with mineral spirits immediately after use

TECHNICAL DATA:

BASE MATERIAL	Polyurethane alkyd
SOLIDS CONTENT	Approx. 48%
SOLVENTS	Mineral spirits
VISCOSITY	Approx. 63 sec. (SIS 18 41 15)
DENSITY	Approx. 900 kg/m ³ (8,68 lb/gal US)
FIRE HAZARDS	Flammable 40°C (104°F)
GLOSS (measured at 60°)	<ul style="list-style-type: none"> • Approx. 20 for matte, • Approx. 45 for semi-gloss, • Approx. 90 for gloss
DRYING TIME	Recoatable after approx. 10 hours.
STORAGE	Not sensitive to freezing
SELF LIFE	24 months in unopened container from production date (s. package)
PACKAGE SIZE	1L, 5L, 10L

ATTENTION!

- Do not use solventborne finishes for recoating of waterborne finishes.
- Oily and resinous wood species such as teak should be coated immediately after machine sanding.
- All finishes should be shaken before use. Do this before vacuuming so that the air mixed into the finish during shaking has a few minutes to escape before use.
- Provide for good ventilation during the first application to increase air circulation and improve drying.
- Second and third applications should be made with normal ventilation, as draught over the finished surface induces an unfavourable drying procedure.
- Avoid direct sunshine during finishing as the curing process will be accelerated in such areas.

DURING USE

- The finish should be at room temperature of approx. 23°C (73°F).
- Floor temperature must be between 15 and 25°C (60 to 77°F)
- Floor moisture content must be between 5 and 15%
- Humidity must be 50 – 60 % RH

BEFORE USING THE FLOOR

- The floor can be used with caution 24 hours after the last coat is applied.
- Furniture can be placed after 24 hours.
- Allow the moisture to evaporate for one week before laying rugs.
- Final curing of surface after 10 days.
- Do not clean floor with water or detergents during the first month.
- Attach felt pads to the legs of chairs and tables in order to avoid scratching the finish.
- The surface must not be covered with non-porous protective materials

SYNTEKO URETHANE DIRECTIONS FOR USE



I FINISHING OF UNFINISHED FLOORS OR FLOORS WHERE OLD FINISH MUST BE REMOVED

1. PREPARATION

- 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. 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. FINISHING

- There is no need sealing prior using Synteko URETHANE.
- Stir thoroughly before use.
- The product is supplied ready for use. However, for first coat on new wood, thin with up to 10% of mineral spirits by volume for penetration.
- Let the finish dry for ca. 10 hours.
- Do the intermediate sanding, use a screen or paper 150 grit, vacuum cleaning.
- Follow up with two further coats (not diluted).

II TREATMENT OF PRE-FINISHED FLOORS

1. PREPARATION

- First, clean the floor with Synteko REMOVER mixed in water.
- Then sand or screen the floor using a very fine paper (180-240 grit) or an abrasive pad until surface has turned matte.
- Vacuum thoroughly, and tack the surface using a cloth dampened with ethanol to completely remove all the dust.
- When the surface has been screened, an adhesion test should be done.
- First, a small area is coated with finish.
- After it has dried, scrape the area with the edge of a coin tests the adhesion. If the finish layer loosens, it did not adhere correctly, and complete sanding to bare wood is necessary.
- Do not use Synteko URETHANE for recoating of waterborne finishes, 2-component solventborne polyurethane finishes or alkydbased finishes. Use Synteko 2-component, waterborne floor finishes for recoating such finishes.

2. FINISHING

- Apply one or two coats of Synteko URETHANE as described in earlier.

SYNTEKO SOLVENTBASED FINISHES

CARE AND MAINTENANCE



Surfaces treated with Synteko floor finishes are easy to keep clean. Vacuum cleaning and, if necessary, mopping with a **Synteko SUPER CLEAN 1697** 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.

Periodic use of **Synteko NEWSHINE 1696** in high traffic areas will help to protect the floor. Synteko NEWSHINE can also be used to restore light scratch marks.

HOW DO I USE SUPER CLEAN 1697?

1. Vacuum or mop the floor to remove any dirt.
 2. Prepare Synteko SUPER CLEAN as follows:
 - For normal cleaning, 1 part Synteko SUPER CLEAN to 50 parts water
 - For heavy cleaning, 2–3 parts Synteko SUPER CLEAN to 50 parts water
 3. First, pour the water into a bucket. Never pour water directly onto a wood floor.
 4. Dip a soft cloth or a sponge mop into the mixture and wring thoroughly before cleaning the floor.
- Synteko SUPER CLEAN is suitable for wet mops and combi-machines.

HOW DO I USE NEWSHINE 1696?

1. Before applying Synteko NEWSHINE make sure that the floor is clean.
2. Sweep, mop or vacuum the floor.
3. Old soap, grease, polish etc. should be removed by washing with water and Synteko REMOVER.
4. Apply Synteko NEWSHINE in a thin, even layer using a damp mop or a non-flocculent cloth.
5. Leave the floor to dry for app. 30 minutes before walking on it.

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.

HEALTH & SAFETY INFORMATION

FOR PROFESSIONAL USE ONLY! Safety data sheet available for professional user on request. 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.

Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Keep out of reach of children. Avoid contact with skin and eyes. Do not empty into drains. If swallowed, seek medical advice immediately and show this container or label. Use only in well ventilated areas. **Contains:** Butanone oxime (2-) and Co-salt. May produce an allergic reaction. **Hazardous ingredients:** Naphtha (petroleum), hydrotreated heavy.

EU limit value for this product (cat. A/i): 550 g/l (2007) / 500 g/l (2010) This product contains max 460 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:
Sika Estonia OÜ, Estonia
www.synteko.com

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