

SYNTEKO CLASSIC

1636 matte, 1637 semi-gloss, 1646 gloss



Synteko CLASSIC is a fast drying, solventbased two-component, acid-curing finish for hardwood floors. The finish can be used on untreated or previously finished surfaces.

AREA OF USE:

Ideal for surfaces subjected to heavy wear

PRODUCT PROPERTIES:

- Excellent resistance to wear
- Maximum resistance to scratching, scuffing, and marring
- Very good resistance to grease, water, alcohol and household chemicals
- Fast drying
- VOC content complies with the maximum level established for 2010 in EU

COVERAGE:

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

TOOLS:

- Applicator 300-500 mm width with mohair felt, approx. 5 mm pile high.
- Mohair roller 300 mm width approx. 5 mm pile high
- Clean tools with ethanol.

TECHNICAL DATA:

Base material	Alkyd and amino resins
Solids content	Approx. 58%
Hardener	p-Toluene sulphonic acid in ethanol and propylene glycol monomethyl ether
Density	Approx. 980 kg/m ³ (8,68 lb/gal US) (10,42 lb/gal UK)
Abrasion resistance	Approx. 10 mg/100 revs. (SIS 92 35 09)
Hardness	Approx. 150 sec. (SIS 18 41 86)
Crack formation	No crack formation after 20 cycles. Cold check test $\pm 20^{\circ}\text{C}$ / $+40^{\circ}\text{C}$ ($\pm 40^{\circ}\text{C}$ / $+104^{\circ}\text{F}$)
UV resistance	No discoloration (18 hours)
Gloss (measured at 60°)	<ul style="list-style-type: none">• Approx. 90 for Gloss• Approx. 50 for Semi-Gloss• Approx. 35 for Matte
Drying time	<ul style="list-style-type: none">• First application approx. 1,5 hour at 23°C (73°F)/50% RH• Second application approx. 2 to 3 hours at 23°C (73°F)/50% RH
Storage	Not sensitive to freezing
Self life	24 months in unopened container from production date (s. package)
Package size	1L/ 5L/ 15L (packages contain also hardener)

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.

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 2 weeks.
- 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 CLASSIC 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. 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. 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 Synteko Classic. Do not forget to remove dust on skirtings, windowsills, radiators, etc.

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
- 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.

MIXING AND POT - LIFE

Shake containers well before mixing. Then mix 1 part by volume of Synteko Hardener 1647 and 10 parts by volume of Synteko Classic. Mixing can take place in plastic, glass or undamaged enamelled vessel. Mix well but avoid forming air bubbles. The mixture can be used for 8 hours provided it is stored in a closed container.

FINISHING

After preparation of the surface, application of finish can take place with brush, roller or applicator. After drying, an intermediate sanding with used 120 grit sandpaper should be made. Then vacuum thoroughly and apply the second coat. In case a third coat is required, follow the same procedure.

Porous wood species like pine, spruce and beech require three coats of finish, whereas other wood species normally require two coats.

TREATMENT OF PRE-FINISHED FLOORS

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. Apply one or two coats of Synteko Classic.

Note: 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 Classic for recoating of waterborne finishes, 2-component solventborne polyurethane finishes or alkydbased finishes. Use Synteko Star, two component, waterborne floor finishes for re-coating such finishes.



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 SuperClean 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 1696 can also be used to restore light scratch marks.

How do I use Super Clean 1697?

Vacuum or mop the floor to remove any dirt. Prepare Synteko SuperClean as follows:

- For normal cleaning, 1 part Synteko SuperClean to 50 parts water
- For heavy cleaning, 2–3 parts Synteko SuperClean to 50 parts water

First, pour the water into a bucket. Never pour water directly onto a wood floor. Dip a soft cloth or a sponge mop into the mixture and wring thoroughly before cleaning the floor. Synteko SuperClean is suitable for wet mops and combi-machines.

How do I use Remover 1692?

Vacuum or mop the floor to remove any dirt. 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

Soak a cloth in the mixture; do not pour it directly onto the floor. Wet mop, let the mixture act for a few minutes and then dry mop. Further cleaning with 1 part vinegar to 9 parts water is recommended if sanding and recoating is to be done. The floor must be completely dry before screening and recoating.

How do I use Newshine 1696?

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

HEALTH & SAFETY INFORMATION

Safety data sheet available for professional user on request. Detailed information and guidance is provided in our MSDS (Material Safety Data Sheet), available on www.synteko.com. The following only represents a selection of important information.

Note: Highly flammable. Keep out of reach of children. Keep away from sources of ignition - no smoking. Do not breathe vapour and spray mist. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical advice immediately and show this container or label. Use only in well ventilated areas. May cause long-term adverse effects in the aquatic environment. Contains formaldehyde. May produce allergic reaction.

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:
Akzo Nobel, Estonia
www.synteko.com

Date: 26.01.2010



SYNTEKO CLASSIC HARDENER 1647



AREA OF USE:

Synteko Hardener 1647 is a crosslinker intended for use only in combination with Synteko Classic 1636, 1637, 1646, a fast drying, two-component, acid-curing finish for hardwood floors in residential and commercial areas.

MIXING AND POT-LIFE

Add 1 part of Synteko Hardener 1647 to 10 parts of Synteko Classic. Stir well to mix the hardener and the finish. The mixture can be used for 8 hours provided it is stored in a closed container.

TECHNICAL DATA:

Base material	p-Toluene sulphonic acid in ethanol and propylene glycol monomethyl ether
Solids content	Approx. 18%
Density	Approx. 900 kg/m ³ (8,68 lb/gal US) (10,42 lb/gal UK)
Storage	Not sensitive to freezing
Shelf life	24 months in unopened container (see package)
Package	0,1L/ 0,5L/ 1,5L (available only together with finish)

HEALTH & SAFETY INFORMATION

Safety data sheet available for professional user on request. Detailed information and guidance is provided in our MSDS (Material Safety Data Sheet), available on www.synteko.com. The following only represents a selection of important information.

Note: Highly flammable. Keep away from sources of ignition - No smoking. Do not empty into drains. Take precautionary measures against static discharges. Do not breathe vapour or spray mist. Keep out of reach from children. If swallowed, seek medical advice immediately.

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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