

SYNTEKO URETHANE XD

mat 20, satin 45, gloss 90



Synteko URETHANE XD is one component interior finish based on urethane-alkyd, suitable for soft and hard woods, for normal and heavily loaded surfaces. Meets requirements DIN 18032 part 2 and can be used to gyms and sport halls.

AREA OF USE:

for normal to heavy duty wear and tear on soft-, hard- and exotic wood in interior design, e.g. parquet, floorboards, stairs, upright-segment parquet, wood-block flooring, wood-floors with under-floor-heating and suspended floors, for gyms and sport halls

PRODUCT PROPERTIES:

- High solid content
- Very good durability
- Good elasticity
- Easy to use
- Resistant to grease, water, alcohol and common household chemicals

COVERAGE:

- 7–12 m²/l

TOOLS:

- Roller with short hair/mohair felt; brush at edges and corners
- Cleaning tools: with mineral spirits, immediately after use

TECHNICAL DATA:

BASE MATERIAL	Urethane-alkyd, vegetable raw materials with dearomatized hydrocarbons
SOLID CONTENT	cca 45%
SOLVENT	White spiritit
VISCOSITY	cca 70 sec.
DENSITY	cca 910 kg/m ³
FLAMMABLE	at 31°C
GLOSS (MEASURED AT 60°)	<ul style="list-style-type: none"> • cca 20 for mat • cca 45 for satin • cca 90 for gloss
DRYING TIME	cca 12-24 hours
STORAGE	Non sensitive for freezing
SELF LIFE	18 months in unopened container from production date (s.package)
PACKAGING SIZE	10 L

ATTENTION!

- Waterborne floor finishes must not be covered with solventborne 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.
- Direct sunlight should be blocked, also avoid too high or low temperature and humidity
- The finish should be at room temperature when applied. If the finish is too cold, it flows much less freely and also releases air poorly, which can result in brush stroke marks and air bubbles remaining after drying. It takes about seven hours to warm the lacquer from 0°C to 20°C.

DURING APPLICATION

- The finish should be at room temperature of approx. 23°C.
- Floor temperature must be between 15 and 25°C.
- 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 minimum three dasys before laying rugs.
- 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 XD

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 100 grit 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

- Synteko Urethane XD is used both as a base and as a top coat.
- Before use, let the finish acclimatize to the room temperature, mix thoroughly.
- Base coat 1x roller or paint brush (approx. 130 g/m²)
- Let the finish dry for about 24 hours.
- Sand with paper or a 120-150 grit grid and vacuum. Continue with the top coat (approx. 130 g/m²)

II RE-FINISHING OF PREVIOUSLY FINISHED FLOORS

1. PREPARATION

- An absolute requirement for re-finish or touching up a previously finished surface is that it is free of grease, polish or similar substances.
- If the floor has been waxed, it should be sanded well down to bare wood prior to finishing.
- If the floor has been treated with polish, an adhesion test must be carried out. First, a small area is coated with finish. After it has dried, scraping 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.
- Before re-finishing clean with Synteko REMOVER
- Then clean with 10% vinegar in 90% water to remove all residues of grease, polishes, etc. and finally wipe the floor with pure water.
- Sand or screen with a 150 grit or finer to obtain a matte surface.
- Vacuum clean thoroughly.
- Do not use Synteko URETHANE XD to repaint water-based finishes, two-component diluent polyurethane or alkyd finishes. For floors treated in this way, use a two-component water-based varnish.

2. FINISHING

- Apply one or two coats of Synteko URETHANE XD
- Before use, allow finish to acclimatize to the room temperature, mix thoroughly.
- Allow the finish to dry about 24 hours.
- Continue with a second layer if necessary

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** 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.

Periodic use of **Synteko NEWSHINE** 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 SYNTEKO SUPER CLEAN?

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.
5. Superclean is designed for use also with Spray Mop Kit Synteko SUPER CLEAN is suitable for wet mops and combi-machines.

HOW DO I USE SYNTEKO NEWSHINE ?

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. Usage of Spray Mop Kit is possible.
5. Leave the floor to dry for app. 30 minutes before walking on it.

HOW DO I USE SYNTEKO REMOVER ?

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. Usage of Spray Mop Kit is possible.
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.

Producer:
Synteko AB Sweden
www.synteko.com

Datum: 01.03.2022

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.

Flammable liquid and vapour. May cause an allergic skin reaction. May cause drowsiness or dizziness. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read carefully and follow all instructions. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Ground and bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting] equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Store locked up. Dispose of contents/container in accordance with local/regional/national/ regulations. Keep container tightly closed. Repeated exposure may cause skin dryness or cracking.

Hazardous ingredients: Hydrocarbons, C9-11, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics
Fatty acids, C-18 unsaturated, dimers, reaction products with N-n-dimethyl-1,3- propanediamine and 1,3- propanediamine

EU VOC limit value for this product (cat. A/i): 600 g/l (2007) / 500 g/l (2010) This product contains max 499 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 roperty, which actually have been proved subsequent to faults and defects in one of the products manufactured by us.