

SKANIA CLASSIC XD

35 matte, 50 semi-gloss, 90 gloss



SKANIA CLASSIC XD is a fast drying, two-component, acid-curing conversion varnish finish for hardwood floors. Skania Classic delivers an extremely durable, long lasting, beautiful finish and is ideally suited for surfaces subjected to extremely heavy wear. Skania Classic is self sealing, and its excellent workability and drying time provides the benefit of two coats completed in one day.

AREA OF USE:

All bare hardwood floors including exotic hardwoods in residential and commercial areas

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
- One product for both applications
- VOC content complies with the level established for 2010 in EU. US VOC <725(g/l).

COVERAGE:

- 8–14 m²/l, (326 sq. ft.- 570 sq. ft./ gal.) / (one coat) depending on tools and wood species.

TOOLS:

- Short nap roller (1/4") Mohair or High Quality Synthetic, Mohair covered T-Bar 3-5mm (1/8" - 3/16") pile high, brush in hard to access areas.
- Clean tools with lacquer thinner or ethanol.

TECHNICAL DATA:

BASE MATERIAL	Alkyd and amino resins
SOLIDS CONTENT	Approx. 47%
HARDENER	Crosslinker, containing 4-Methylbenzene-1-sulfonic acid, hydrate. 1-methoxy-2-propanol
DENSITY	Approx. 1,00 g/cm ³
UV RESISTANCE	No discoloration (18 hours)
GLOSS (measured at 60°)	<ul style="list-style-type: none"> • 35-37 for matte • 50 for semi-gloss • 90 for gloss
DRYING TIME AT 20-25°C (60 -73°F) /50% RH	<ul style="list-style-type: none"> • First application ca. 2- 2.5 hour • Second application ca. 2 to 3 hours
STORAGE	Not sensitive to freezing.
SELF LIFE	24 months in unopened container from production date (s. package)
PACKAGE SIZE	5L / 16.5L (incl. hardener)

ATTENTION!

- Prior to application, extinguish pilot lights, and turn off any other ignition sources.
- 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 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. 20-25°C (68-77°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 7 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

SKANIA CLASSIC XD

DIRECTIONS FOR USE



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

1. PREPARATION

- Machine sand the surface (following NOFMA, NWFA, and MFMA guidelines) 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. MIXING AND POT - LIFE

- Shake containers well before mixing.
- Add 1 part of Skania Hardener XD to 10 parts of Skania Classic XD. Mixing can take place in plastic, glass or undamaged enamelled vessel.
- For applying at lower temperatures, up to additional 5% of Hardener XD may be added for accelerated drying.
- Mix well but avoid forming air bubbles.
- The mixture can be used for max 8 hours

3. FINISHING

- Apply the finish with short nap ¼" roller / T-bar, and brush in hard to access areas.
- 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.
- If staining is required, first use a stain that is specifically made for wood floors, follow manufacturer's instructions. Allow the stain to dry completely. Note: Pine with large proportion of heartwood has a tendency to become reddish in color in combination with acid-curing finishes

II TREATMENT OF PRE-FINISHED FLOORS

1. **DO NOT USE** SKANIA Classic XD for recoating of waterborne finishes, 2-component solventborne polyurethane finishes or alkydbased finishes.

2. PREPARATION

- First, clean the floor.
- Then sand or screen (following NOFMA, NWFA, and MFMA guidelines) 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.

3. FINISHING

- Apply two coats of SKANIA Classic XD
- Porous wood species like pine, spruce, and beech may require three coats of finish.

III CARE AND MAINTENANCE

Surfaces treated with Skania floor finishes are easy to keep clean. Vacuum cleaning and, if necessary, mopping with a quality floor cleaning solution and a well wrung cloth is normally sufficient. Marks from rubber heels, shoe polish, lipstick, ink, etc. should be removed immediately with a quality remover specific for hardwood floors or with mineral spirits. Avoid scrubbing with a coarse brush or strong detergents.

Note: Do not cover or use water on floors for a 2-3 week period after application of floor finish.

HEALTH & SAFETY INFORMATION

FOR PROFESSIONAL USE ONLY! Mixture with Hardener emits formaldehyde <0.1 ppm. 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.



Danger

Flammable liquid and vapour. Causes serious eye damage. May cause drowsiness or dizziness. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Wear protective gloves and eye/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. In case of fire: Use extinguishing powder or sand to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Contains phthalic anhydride; Fatty acids, C14-18 and C16-18-unsatd., maleated. May produce an allergic reaction. May produce an allergic reaction. Contains 2-methylpropan-1-ol. Contains 1-methoxy-2-propanol

EU limit value for this product (cat. A/j): 550 g/l (2007) / 500 g/l (2010) This product (A+B mix) contains < 500 g/l VOC; US VOC <725(g/l).

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.

SKANIA HARDENER XD



AREA OF USE:

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

MIXING AND POT-LIFE

Add 1 part of Skania Hardener XD to 10 parts of Skania Classic XD. 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. Leftover catalyzed product may be used up to 24 hours as a base coat.

TECHNICAL DATA:

Base material	Crosslinker, containing 4-Methylbenzene-1-sulfonic acid, hydrate. 1-methoxy-2-propanol
DENSITY	Approx. 0,97 g/cm ³
STORAGE	Not sensitive to freezing
SHELF LIFE	24 months in unopened container (see package)
PACKAGE	0.5L

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.skaniausa.com. The following only represents a selection of important information.



Danger.

Flammable liquid and vapour. Causes severe skin burns and eye damage. May cause drowsiness or dizziness. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapour. Wear protective gloves and eye/face protection. **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water [or shower]. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a **POISON CENTER** or doctor/ physician. In case of fire: Use extinguishing powder or sand to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.

Contains 4-Methylbenzene-1-sulfonic acid, hydrate. Contains 1-methoxy-2-propanol

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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Date: 02.12.2021

