



SYNTEKO NORDIC ELASTIC

extra matt (5), matt (20), satin (45), full gloss (90)

Synteko Nordic Elastic is a 2-component, 100% polyurethane finish with excellent adhesion and durability for resilient floors such as vinyl, LVT, PVC and linoleum. The addition of a crosslinking Hardener gives long-lasting protection for resilient floor surfaces.

AREA OF USE: for residential and commercial areas

PRODUCT PROPERTIES:

- Preferred by professionals for superior performance
- Very high durability thanks to added Hardener
- Excellent leveling properties
- Low VOC: only 60 g/L (max 75 g/L when mixed with Hardener)
- Highly resistant to scratching, scuffing, chemicals, and liquids
- Fast curing – fully cured within 3 days
- Easy to maintain

COVERAGE:

- 12 - 15 m²/l

TOOLS:

- 10mm roller
- Clean tools with water immediately after use.

TECHNICAL DATA:

BASE MATERIAL	Waterborne 100% polyurethane dispersion
HARDENER	Polyisocyanate diluted in dipropylenglycoldimethylether
SOLIDS CONTENT	ca. 32% (ISO 3251)
PH	ca. 8,0
DENSITY	ca. 1,1 kg/l
GLOSS (measured at 60°)	• ca. 5 for extra matte • ca. 20 for matte, • ca. 45 for semi-gloss, • ca. 90 full gloss
DRYING TIME at 20°C /50% RH	• 0,5 – 1 hour for first coat • 1 -3 hours each following coat • Final strenght after 3 days
POT LIFE OF MIXTURE	ca. 4 hours at 23°C
STORAGE	Store frost-free. Must be stored between +10°C and +30°C
SELF LIFE	12 months in unopened container from production date (s. package)
PACKAGE SIZE	4.5 L + 0,45 Hardener

ATTENTION!

- 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.
- Do not apply more than two coats per day
- 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%
- Relative humidity (RH) should be between 50% and 60%
- Properly lighting your jobsite is highly recommended to ensure all areas of the floor receive sufficient protection

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 days 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.

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DIRECTIONS FOR USE

PREPARING SHEET VINYL AND LINOLEUM

PREPARING OF NEW OR WAXED/POLISHED FLOORS

- Strip the floor using the flooring manufacturer's recommended stripper and stripping procedure.
- Stripping removes wax, polish, adhesive, sacrificial wear layers, and any potential contaminants introduced during installation to ensure proper adhesion of our coating.
- All contaminants must be completely removed, which may require multiple stripping cycles.

REPARATION OF FLOORS PREVIOUSLY COATED WITH A UV FINISH SYSTEM

- If the floor you wish to recoat with NORDIC ELASTIC has been maintained with wax, polish, or is otherwise contaminated, it must be stripped.
- If the surface is clean and free from such contaminants, use the Clean 'n Coat process to prepare the floor for recoating.

COATING SHEET VINYL, PVC, LVT, LINOLEUM

- Shake the Synteko NORDIC ELASTIC canister well for 30-60 seconds, then add the Hardener and shake again for 2 minutes. Let the product rest for 10-15 minutes. Once Hardener has been added to NORDIC ELASTIC, it must be used within 4 hours. Mix only the amount needed for one coat. For partial quantities, use a Hardener-to-finish ratio of 1:10.
- Apply a layer of NORDIC ELASTIC using a 10 mm roller. Drying time is typically 1–3 hours. For light-traffic floors, one topcoat is usually sufficient, but we recommend applying slightly heavier single coats (70 g/m²).
- For higher-traffic areas, apply 1 or 2 additional coats in a crosswise manner to ensure complete coverage. When applying multiple layers, slightly thinner coats are recommended (50 g/m²).
- For linoleum floors, it may be necessary to buff or screen the surface with a 180-grit screen or pad after the First coat has dried. Vacuum thoroughly before applying 1 or 2 additional topcoats of NORDIC ELASTIC, depending on the expected foot traffic. Always apply at least 2 coats on linoleum surfaces.
- NORDIC ELASTIC coated floors may be lightly used after 24 hours. Wait 3 days for replacing heavy furniture and rugs.
- For maximum protection and immediate usability, after the initial coat of NORDIC ELASTIC, apply 1–2 coats of a UV-cured finish and cure the floor using UV light.

CLEANING AND MAINTENANCE

Dust-mop regularly with a microfiber mop to ensure maximum floor life. To keep your newly coated resilient floor looking its best, clean and maintain it using **Synteko SuperClean** and **Synteko NewShine** according to the instructions.

Do not clean the floor before it is fully cured.

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.

Note: Keep out of reach of children. If medical advice is needed, have product container or label at hand. Do not get in eyes, on skin, or on clothing. Call a POISON CENTER or doctor/physician if you feel unwell. Dispose of contents and container in accordance with all local, regional, national or international regulations. Contains Adipohydrazide (CAS No.: 1071-93-8) May cause an allergic reaction.

EU limit value for this product (cat. A/j): 140 g/l (2007) / 140 g/l (2010). This product (A+B mix) contains max 75 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.

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