

NanoElite

100 % Polyurethane Floor Finish, NMP-free

Product Description

NanoElite floor finish is very hard-wearing one component waterborne 100% polyurethane finish for wood and parquet floors. The finish is NMP-free and does not contain isocyanides.

NanoElite can be used in commercial as well as domestic areas.

NanoElite accomplishes the specifications for friction for sports floors according to the EN 14904:2006 and sliding prevention on publicly accessible floors according to EN 51130 (R9).

NanoElite is available in ultra matt (15) and semi gloss (40). For indoor use only.

Preparation

Sand the floor down to bare wood. Final sanding must be carried out using sandpaper of no. 120 grit. Vacuum the floor carefully before application. The floor must be free from contamination and dust. Any polish or grease residues must be very carefully removed.

Application

NanoElite can be applied with a roller or a brush. We recommend application with a roller after priming the floor with *NanoBasic Roll* or *NanoBasic X-tra*. The finish must be at room temperature when used. The floor temperature must be between +13°C and +30°C. Ideal conditions are a floor temperature of +20°C and relative humidity of 55%. In doubts of appearance and adhesion always prepare a sample. Shake the container well, and allow the bubbles formed to disperse before application. **Do not use *NanoElite* for an extra coat on previous coated floors – please use *NanoAvenue5 2K recoat* instead.** The smallest recommended total quantity of finish applied is 0.35 litre per m², in at least two coats plus primer. For heavy traffic floors we recommend 0,40 litre per m² in at least three coats. If needed, sand off with sanding screen 120 grit and vacuum carefully after the first coat. Do not walk on the floor for 6 hours after the last application. Between applying the layers do not wait longer than 36 hours.

Health and Safety

NanoElite is not classified under the C.H.I.P.regulations. Use the normal care due when handling chemical products. Ensure good ventilation. Use protective goggles and gloves if there is any risk of splashing. If the product

comes into contact with your skin, wash it off with soap and water. If the product gets into your eyes, rinse with a generous amount of water. For further information see Material Safety Data Sheet.

Cleaning

Clean brushes and other tools with water before the finish has had time to harden.

Technical Service

Please contact the Nanosol Technical Service at phone no. +46 303 56 329, or your local agent.

Technical Data

Binder:	100 % polyurethane, NMP-free.
Viscosity:	21 seconds (FC 4, 20°C)
Solids Content:	Approx. 33%
Density:	1,05 kg/litre
Application:	1 litre covers 8-10 m ² per coat
Drying time:	1st coat: 1-2 hours 2nd coat: app. 2 hours 3rd coat: app. 4 hours Fully cured after approx. 4 days.
Storage:	Best before 12 months in unopened package. (5 to 25°C). Protect from frost. Keep out of the reach of children
Package:	5 litre plastic containers 1 litre plastic bottles
Gloss:	15 (matt) art. no: 01.0205 (60° Gardner) 40 (semi gloss) art. no: 01.0105
Resistance to chemicals:	Resistant to water and most household chemicals. Does not withstand strong alkali and alcoholic cleaning detergents. Only use cleaning detergents suitable for water based finishes.
Hardness:	After 24 hours: approx. 90. (Königsek.) Completely cured: approx. 120.

This Nanosol Product Sheet is intended for advice only. The numbers apply to normal conditions, which may vary due to means of application, temperature etc. We retain the right to make changes and amendments without prior notice.