

Nano Avenue

2 – comp. waterborne floor finish - 100% PU - NMP-free, Nanotechnology

Product Description

Nano Avenue floor finish is a very hard wearing, NMP-free, two component water borne finish for wood and parquet floors. **Nano Avenue** can be used in commercial and other heavy traffic areas. **Nano Avenue** is available in ultra mat, mat and semi gloss. **Nano Avenue** has to be mixed with the hardener (**Nano Avenue Plus**) before use. **Nano Avenue** conforms to ÖNORM C 2354, castor chairs ONORM EN 425, anti-slip in public areas EN 51130 (R9) and sports floors EN 14904:2006. Persons with a history of asthma, allergies, chronic or recurrent respiratory diseases should not use this product. For professional use only.

Mixing

Shake the containers vigorously before use. Add 10% **Nano Avenue Plus**, to the **Nano Avenue**, e.g. add the total content of the bottle of the **Nano Avenue Plus** to the 4,5 litres container of **Nano Avenue** if the whole container is going to be used. Shake the mixture for 1 minute and wait 10 minutes before use. Use the mixture within 2 hours and keep the container open after mixing with hardener. Never mix more lacquer than required for one coat.

Application

Nano Avenue can be applied with a roller or a brush. The smallest recommended total quantity of finish applied is 0.35 l/m², in at least two coats plus primer. For heavy traffic floors is recommended 0,40 litre per m² in at least three coats. Do not walk on the floor for 8 hours after the last application. Wait max 36 hrs between application of the layers.

New untreated floors or sanded down to bare wood:

Make sure that the surface is dry, well sanded and free from all dust, wax, grease and other contaminations. The final sanding shall be done with 120 grit sandpaper. The temperature of the floor and the floor finish has to be between +13°C to +30°C. Recommended method of application is 2 applications of **Nano Avenue** after a first application of **Nano Basic Roll** primer. Apply the finish evenly on the floor. Avoid patches of finish on the floor. Sand off after the **Nano Basic Roll** application with sanding net 120 grit.

Recoating previously finished or factory finished parquet floors):

The adhesion of **Nano Avenue** on these surfaces is usually very good. However it is necessary to test the adhesion on a smaller sample area before coating the entire floor. Check the adhesion by scratching with a coin on the surface. Clean the floor before sanding with **Nano Clean&Recoat**. Let

the floor dry. Sand with mesh 120 grit and apply **Nano Clean&Recoat** ones more. Let dry and apply 2 coats of **Nano Avenue5**.

Cleaning

Rinse brushes and other tools with water before the finish has had time to dry.

Health and Safety

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 carefully with soap and water. If the product gets into your eyes, rinse with a generous amount of water and contact a doctor. After mixing with **Nano Avenue Plus** the product contains isocyanides. For further information see Material Safety Data Sheets of **Nano Avenue** and **Nano Avenue Plus**.

Technical Service

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

Technical Data

Contents:	100 % polyurethane, NMP-free.
Viscosity:	24 seconds (FC 4, 20°C)
Solids Content:	Approx. 33%
Density:	1,05 kg/litre
Use time:	The mixture must be used within 2 hours.
Application:	1 litre covers 8-10 m ² per coat.
Drying time:	2-3 hours at 20° C, 55%RH. The floor is ready to be used after 8 hours.
Cure time:	approx. 15 hours.
Storage:	Max. 12 months at +5°C to +25°C in unopened package. Protect from frost. Keep out of the range of children.
Package:	3 x 4,5 litre plastic containers. 0.45l hardener included in package
Gloss:	5 (ultra mat) art no: 01.9445 (60° Gardner) 20 (mat) art. no: 01.9245 50 (semi gloss) art. no: 01.9145 90 (high gloss) art. no: 01.8945
Resistance to chemicals:	Resistant to water and most household chemicals. Does not withstand strong alkaline and alcohol based cleaning detergents. Only use cleaning detergents suitable for waterborne finishes.

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.