

# Avenue

2-Component Ceramic Fortified Waterborne Wood Floor Finish

 **MADE IN SWEDEN**

## CERAMIC SILICA

Ceramic Silica is one of the most durable, abundant minerals in the Earth's crust. Our ceramic fortification process allow us to create better, stronger and more durable finishes. Arboritec finishes penetrate deeper into the floor and are chemically bonded to the surface, enhancing the adhesion, strength and scratch resistance.



### KNOOP MINERAL HARDNESS TEST VALUES

<b>DIAMOND</b>	<b>8000-8500</b>
Arboritec's advanced fortifying mineral	
<b>CERAMIC</b>	<b>4500-4600</b>
The primary fortifying mineral used on prefinished floors	
<b>ALUMINIUM OXIDE</b>	<b>1800-2200</b>

**PLEASE READ ALL INSTRUCTIONS AND SAFETY DATA SHEET BEFORE USING.**

# Avenue

## PRODUCT DESCRIPTION

Arboritec™ Avenue floor finish is a 2-component waterborne 100% PU finish for wood and parquet floors in heavy traffic areas. The finish is fortified with ceramics thanks to our unique Small Particles Technology. Avenue is exceptionally durable to scratches, heel marks and ordinary household chemicals. By adding ceramic particles, our waterborne primers dry hard and become very easy to sand. Adding ceramic particles results 30% less petro- chemical raw materials used hence makes Avenue up to 30% more environmentally friendly than competitive brand lacquers.

## DIRECTIONS FOR USE

The surface has to be sanded to a professional standard, dry and free from contamination. Protect the floor from direct sunlight and keep off all underfloor heating from day before application till 24 hours after application. Final sanding of the floor should be done with sanding paper 120 grit belt or 100 grit screen. The temperature of the floor, hardener, Avenue finish and air must be between 13°C (55°F) and 25°C (77°F). Relative humidity of the room should be between 40% and 60%. Higher humidity of room extends drying time of finish thus waiting time between layers. Shake the container before use for 30-60 seconds. Mix the content in the can with 10% hardener (1 bottle of hardener to 1 can of varnish), shake it for 1 minute and let it start to react for 10 minutes. Do not dilute the finish. At high temperatures and low relative humidity add 2% Arboritec "Extender". The mixture must be used within 4 hours. Mix Avenue and hardener only one time and not more than you need to apply for one coat. **NOTE!** Make sure solvent-based stains and sealers- if used to enhance colour of wood- are fully cured prior to over-coating with Avenue.

## APPLICATION

Application of the finish should be carried out along the direction of parquet strips and wood. If possible, do not apply the finish cross the direction of daylight. Windows/doors must be closed to prevent air flow and ventilation should be shut down for the time of application. If possible prevent direct sunshine on the floor during coating. Avenue is suitable for application with a lightweight t-bar applicator, roller or brush. Always test the product on a smaller area to ensure colour and adhesion. For best results on bare, unstained wood floor, always use Avenue finish with Arboritec primers: First Coat or Vibrant, following label instructions. Recommended method of application with a 10mm roller: 2-3 layers of Avenue on a sealer (Arboritec First Coat). Apply sufficient amount of product in order to ensure good levelling of roller/ applicator marks. Sanding between layers is always possible. If you have any questions, do not hesitate to contact the floor supplier or Arboritec.

SHAKE VIGOROUSLY



## TECHNICAL DATA

<b>Special Ingredient</b>	Ceramic Silica
<b>Recommended Use</b>	Heavy commercial; indoor use only
<b>Gloss Levels</b>	Avenue Naked (0), Ultra-Matte (5), Satin (20); Avenue Semi-Gloss (45); Avenue Gloss (85)
<b>Additional Features</b>	Ceramic fortified, NMP free
<b>VOC</b>	<b>US:</b> Max. of 200 g/L
<b>Solids by Volume</b>	32%
<b>pH</b>	Approx. 8
<b>Approx. Weight/ Density</b>	9.18 lbs./gallon; 1.10 g/cm <sup>3</sup> ; 1.10 kg/l
<b>Odour</b>	Very light, non-offending
<b>Safety/Toxicity</b>	Non-hazardous / Not classified
<b>Coverage</b>	400 – 500 sq. ft. per gallon
<b>Flow and Leveling</b>	Exceptional
<b>Color</b>	Wet: milky white, clear when dry
<b>Drying Time</b>	20°C/ 68°F (RH 50%) 30-60min on bare wood; following coats: 2-4 hours. Fully cured latest after 3 days.
<b>Packaging</b>	<b>US:</b> Carton of 3 x 1 gallon + 3x hardener
<b>Storage and transport</b>	1 year from date of manufacture in unopened original container at 41F (5°C) to 77F (25°C). Keep from freezing! See expiration date on canister.
<b>Shelf life</b>	See expiration date on canister.
<b>Chemical Resistance</b>	Resistant to grease, water and ordinary household cleaners and detergents
<b>Cleaning of tools</b>	Thoroughly clean all application tools with water, right after using.
<b>Disposal</b>	Never pour surplus finish down the drains. Dispose it in accordance to local regulations.
<b>Maintenance</b>	To keep the floor looking its best, clean and maintain floor using Arboritec "Cleaner Spray" and "Refresher", following application instructions. Do not clean the floor before it is fully cured.

Safety data sheet is available for download at [www.arboritec.com](http://www.arboritec.com)

For technical advice: Contact your distributor or  
 - **Arboritec AB** technical service at +46 303 56330  
 - **Arboritec USA Inc.** technical service at +1 303 773 7143

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*The information and recommendations in this data sheet are guidelines for application and are not to be construed as a guarantee. In all cases it is the responsibility of the user to determine if the product is suitable for the purpose, and complete a successful application. Arboritec can only guarantee the delivered product. If the user is in doubt we would recommend a preliminary onsite test. Please ensure you have read and understood all information on the labels and in the safety data sheets before using this product. This data sheet replaces all previous versions.*