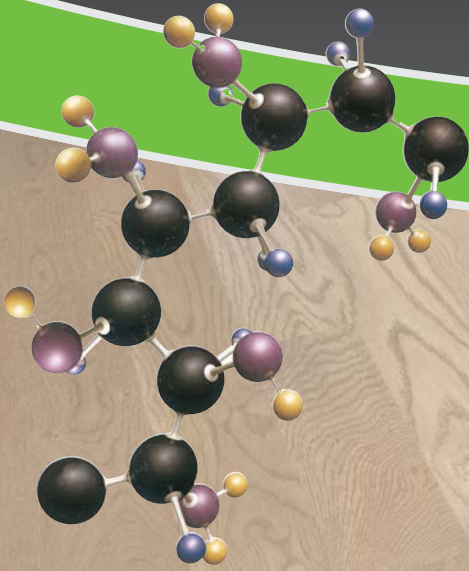


ARBORITEC™

Avenue

Ceramic Fortified Commercial
WATERBORNE
WOOD FLOOR FINISH



It's the *smallest* things
that make the *biggest*
DIFFERENCE!

Ceramic Silica is one of the most durable, abundant minerals in the Earth's crust. It has been known for its hardness since beginning of time and through our incredible **Accelerated NanoTechnology** and specially developed production processes, allows us to create better and more durable finishes at the nanoscale, molecule by molecule.

Avenue Ceramic Fortified Commercial finish is the **flagship** of Waterborne Wood Floor Finishes.

By penetrating the surface, the finish is chemically bonded to the wood, **enhancing the adhesion, strength and scratch resistance.**

**IF IT'S NOT ARBORITEC,
IT'S NOT FINISHED!**



The Avenue advantage:

Our longest lasting finish (Exceptional durability)

Finish the job faster (Superior Dry and Cure Times)

Recoat with Confidence (Excellent Adhesion)

Appreciate the process (A light, non-offending odor)

Care for the user's health (Low VOC for better Indoor Air Quality)

No white lines (Finish breaks evenly on board edges with floor movement - no white stretch lines)

ACCELERATED NANOTECHNOLOGY

Nanotechnology is the art and science of creating materials at the ultra-small nanoscale (down to 1/100 000 the width of a single human hair) to create new and unique products that can work better and last longer. *The nanoscale* is the scale of atoms and molecules, the fundamental building blocks of the material world. At the nanoscale, we have been able to affect the properties of materials directly, making our finishes harder and more durable. Simply making things smaller changes their properties. Nanoparticles' small size allows them to get places that conventional particles would not be able to go. This means penetrating deep within the wood, enhancing the *adhesion, strength and scratch resistance*. Since our products are fortified with **Ceramic Silica**, it also solves the problem of white lines. When finish breaks evenly on board edges with floor movement, there are no white lines. At the end of the day, our Accelerated NanoTechnology is all about doing things differently. Faster, Stronger, Harder. *It's the smallest things that make the biggest difference!*

PRODUCT DESCRIPTION

Arboritec™ Avenue is a two-component *Ceramic Fortified Commercial Waterborne Wood Floor Finish* enhanced by *Accelerated NanoTechnology*. Avenue finish is NMP free 100% waterborne polyurethane, has low VOC, fast dry and short cure time. Avenue finish is extremely durable and is ideally suited for commercial (and residential) use and other heavy traffic areas. It has exceptional flow and leveling with superior adhesion properties for recoating. Avenue finish is available in **Semi Gloss (50)** and **Satin (20)**. For indoor use only.

DIRECTIONS FOR USE

Sand the floor according to accepted industry standards, such as NWFA recommendations. Make sure the surface is dry and free from dust, wax, grease and other contamination. Temperature of the room, floor and finish must all be kept the same within the range of 55° F to 86° F. Relative humidity of the room should be between 40% and 60%. Shake the container well for 30-60 seconds. Add the total content of Avenue Plus hardener to Avenue finish. For amounts less than a gallon, use 1:10 ratio. For example, mix 1 QT of finish with ¼ of the hardener. Shake the mixture well for 2-3 minutes and then allow to rest. Keep open for 5-10 minutes, before applying. The mixture must be used within 4 hours. Never mix more Avenue finish than you need to apply for one coat.

APPLICATION

Avenue finish is suitable for application with a lightweight t-bar applicator, roller or brush. For best results, always use Avenue finish with Arboritec™ First Coat sealer. It is not necessary to use Arboritec™ First Coat sealer over newly stained floors.

NEW UNTREATED FLOORS OR SANDED DOWN TO BARE WOOD

Recommended application procedure: Apply 2-3 coats (3 coats recommended for commercial floors) of Avenue finish at a rate of 350-400 sq. ft. per gallon on a freshly stained or sealed floor. For best results, coat over Arboritec™ First Coat Sealer or a stained floor.

1. Seal the floor following label instructions.
2. Abrade between coats, if necessary. If applying a second coat of finish within 48 hours, no need to abrade for adhesion
3. Vacuum all dust and tack with a lightly water dampened cloth. Allow the floor to dry completely.
4. Apply finish evenly on the floor with a lightweight t-bar applicator, roller or brush. Allow 2-3 hours dry time between coats.

PREVIOUSLY FINISHED OR FACTORY PREFINISHED FLOORS (NOT SANDED DOWN TO BARE WOOD)

Recommended application procedure: Apply 1-2 coats of Avenue finish after preparing and deep cleaning the floor with Arboritec™ Clean 'n Coat, following label instructions. It is recommended that adhesion is first tested on a sample test area before recoating the entire floor.

1. Vacuum all dust and tack with a lightly Clean 'n Coat dampened cloth. Allow the floor to dry completely.
2. Apply finish, within 4 hours after deep cleaning the floor with Clean 'n Coat, at a rate of 350-400 sq. ft. per gallon on the floor with a lightweight t-bar applicator, roller or brush. Allow 2-3 hours dry time between coats.

NOTE: If the floor has previously been treated with wax, polish, oil etc., it cannot be recoated unless it is sanded down to bare wood. Always observe the flooring manufacturer's advice or contact Arboritec Technical Service or your local distributor for more information.

TECHNICAL DATA

Special Ingredient	Ceramic Silica	Color	Wet: Milky White, Clear when dry
Recommended Use	Commercial & Residential	Defoaming	Excellent, Virtually no bubbles
Additional Features	NMP Free	Odor	Very light, non-offending
Volatile Organic Compound (VOC)	Maximum of 200 g/L	Toxicity	Non-hazardous
Gloss Levels (60° Gardner)	Avenue 50 (Semi Gloss) Avenue 20 (Satin)	Packaging	3 x 1 gallon (including Avenue Plus hardener)
Flow and Leveling	Exceptional	Storage	Non-flammable, KEEP FROM FREEZING!
Coverage	350 - 400 sq. ft. per gallon	Shelf life	12 months in unopened original container
Dry Time (68° F, RH 55%)		Pot Life	The mixture must be used within 4 hours
First Top Coat	30 - 60 minutes	Chemical Resistance	Resistant to grease, water and regular household cleaners and detergents
Additional Coats	2 - 3 hours	Clean Up	Thoroughly clean all application tools with water, right after using
Ready for Light Usage and Traffic	24 hours	Disposal	Dispose in accordance with local regulations
Full Cure Time	72 hours	Maintenance	Use Arboritec Wood Floor Cleaner™ to keep the floor looking its best
Adhesion for Recoating	Superior		
Solids by Volume	Approx. 30%		
pH	Approx. 9		
Viscosity (Ford cup 4, 20°C)	22 seconds		
Approx. Weight	8.51 lbs./gallon (1.02 g/cm³)		

PLEASE READ ALL LABEL INSTRUCTIONS AND MATERIAL SAFETY DATA SHEET BEFORE USING.

Arboritec USA, Inc.

6200 S. Syracuse Way, Suite 125 | Greenwood Village, CO 80111 | 877-416-5972
www.arboritec.com © 08/09 Arboritec

