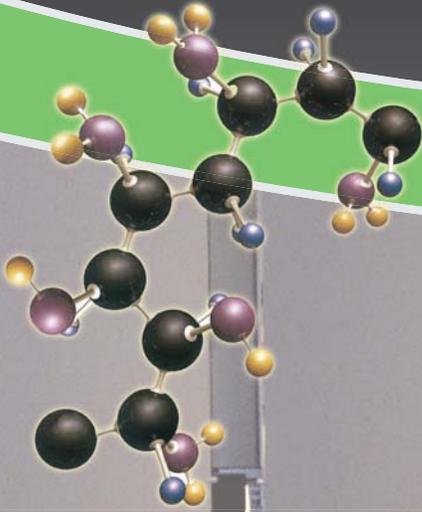


# ARBORITEC™ UVElite

Commercial Site Cured Ultraviolet Ceramic Fortified  
**WATERBORNE**  
WOOD FLOOR FINISH



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



Our Accelerated NanoTechnology and specially developed production processes allows us to create better and more durable finishes at the nanoscale, molecule by molecule.

The newest achievement with our Accelerated Nanotechnology is UVElite. Four years in the making, UVElite introduces photoinitiators into our formula, enabling instant on-site curing with an ultraviolet light machine. This allows the floor to be used immediately after curing and greatly reduces early on floor damage.

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



## Rethink Finishing a Wood Floor

Ceramic Fortified for Enhanced Durability

**40% More Durable than Traditional 2-Component Finishes**

**Immediate Cure - Immediate Use**

**Safe for the Environment**

*Exceeds CDPH 01350*

*Passes DIBt Regulation*

*Low VOC: 21 g/L*

*Solvent Free*

**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 stretch 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 UVELite is the newest Hi-Tech development in the wood floor finishing industry. UVELite is going to change the way that wood floors are finished and refinished. UVELite is an extremely hard and wear resistant waterborne UV cured polyurethane finish with durability significantly greater than any two component waterborne finish on the market today. UVELite is cured on the job site with a portable ultraviolet machine which provides instant curing of the finish. This allows immediate use of the floor by residential and commercial floor owners. The instant cure of UVELite provides superior resistance to scuffs and chemicals. Furniture, fixtures, rugs etc. can be replaced as soon as the floor has been cured, and the floor owner will have complete and full use of the floor.

UVELite is also one of the most environmentally responsible finishes available. It has passed two very strict air quality tests and regulations. Arboritec was granted the DIBt (Deutsches Institut für Bautechnik) certificate for UVELite. The DIBt certifies that UVELite provides better air quality and a safer environment for users and floor owners. UVELite also passed the strict California Department of Public Health regulation 01350. UVELite is completely free of solvents, isocyanates and NMP.

### DIRECTIONS FOR USE

Sand the floor according to accepted industry standards, such as NFWA 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, before opening. Allow to rest for 2-3 minutes, before applying.

### APPLICATION

Arboritec UVELite UV cured waterborne finish is suitable for application with a lightweight t-bar applicator, roller or brush. Spread UVELite finish evenly on the floor at a rate of 500 – 600 sq. ft. per gallon. **UVELITE FINISHING SYSTEMS:** ARBORITEC UVELITE FINISH SYSTEMS INCLUDE: ARBORITEC FIRST COAT SEALER, ARBORITEC AVENUE AND UVELITE. **NO OTHER SEALERS OR FINISH COATS ARE WARRANTED WHEN USED WITH UVELITE.**

#### NEW UNTREATED FLOORS OR SANDED DOWN TO BARE WOOD

1. Take moisture reading for background value.
2. Seal the floor following label instructions.
3. Abrade between coats if necessary.
4. Vacuum all dust and tack with a lightly water dampened cloth. Allow the floor to dry completely.
5. Apply a coat of UVELite. Allow 1-2 hours dry time between coats.
6. Apply second coat UVELite in same manner, and third if necessary.

**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.

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

1. Take moisture reading for background value.
2. Deep clean the floor with Arboritec Clean 'n Coat, following label instructions.
3. Apply one (1) coat of Arboritec Avenue waterborne finish following label instructions.
4. Apply one (1) coat of UVELite finish evenly on the floor.
5. Allow coat to dry for 1-2 hours
6. Apply additional coat of UVELite if necessary and allow to dry

### CURING UVELITE

For optimal curing conditions, ensure that the relative humidity of the floor matches the background value\* before starting the curing process. Thoroughly read the user manual and instructions provided with the UV curing unit before proceeding with the curing process. It is recommended that the UV lamp power be tested first on a sample area before curing the entire floor. Use a portable UV unit at speed of 30 feet per minute with a lamp output between 1700 – 3000 watts. Ensure pass overlap in order to cure the entire floor surface. The floor can be used immediately after curing UVELite without risk of "early on damage." Furniture, fixtures, rugs etc. can be replaced as soon as the floor is cured by the UV machine. \*Background Value – The original moisture content of the wood floor before starting the finishing process.

### TECHNICAL DATA

<b>Special Ingredient</b>	Ceramic Silica	<b>Color</b>	Wet: Milky White, Clear when dry
<b>Recommended Use</b>	Commercial	<b>Defoaming</b>	Excellent, Virtually no bubbles
<b>Additional Features</b>	NMP Free	<b>Odor</b>	Very light, non-offending
<b>Volatile Organic Compound (VOC)</b>	Maximum of 21 g/L	<b>Toxicity</b>	Non-hazardous
<b>Gloss Levels (60° Gardner)</b>	UVELite 8 (Ultra Matte) UVELite 20 (Satin) UVELite 45 (Semi-gloss) UVELite 90 (Gloss)	<b>Packaging</b>	3 x 1 gallon
<b>Flow and Leveling</b>	Exceptional	<b>Storage</b>	Non-flammable, KEEP FROM FREEZING
<b>Coverage</b>	500 - 600 sq. ft. per gallon	<b>Coverage</b>	500 - 600 sq. ft. per gallon
<b>Dry Time (68° F, RH 55%)</b>		<b>Shelf Life</b>	12 months in unopened container
First Top Coat	1 -2 hours	<b>Chemical Resistance</b>	Resistant to grease, water and regular household cleaners
<b>Full Cure Time</b>	Immediately after UV Curing	<b>Clean Up</b>	Thoroughly clean all application tools with water right after use
<b>Adhesion for Recoating</b>	Superior	<b>Disposal</b>	Dispose in accordance with local regulations
<b>Solids by Volume</b>	Approx. 32%	<b>Maintenance</b>	Use Arboritec Wood Floor Cleaner to keep the floor looking its best
<b>pH</b>	Approx. 8		
<b>Viscosity (Ford cup 4, 68° F)</b>	20 - 23 seconds		
<b>Approx. Weight</b>	8.76 lbs./gallon (1.05 g/cm <sup>3</sup> )		

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

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