



UVElite

1-Component Ceramic Fortified Waterborne UV 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

DIAMOND	8000-8500
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Arboritec's advanced fortifying mineral

CERAMIC	4500-4600
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The primary fortifying mineral used on prefinished floors

ALUMINIUM OXIDE	1800-2200
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PLEASE READ ALL INSTRUCTIONS AND SAFETY DATA SHEET BEFORE USING.



UVElite

PRODUCT DESCRIPTION

Arboritec™ UV Elite is a single-component, UV-curable, waterborne finish for wood and parquet floors. Designed for areas of heavy traffic. The durability is higher than most other conventional two-pack water borne PU finishes. UVElite is exceptionally durable to scratches, heel marks and ordinary household chemicals. The finish is fortified with ceramics thanks to our unique Small Particles Technology. Adding ceramic particles to product results 30% less petro- chemical raw materials used hence makes UV Elite up to 30% more environmentally friendly than competitive brand lacquers. UV Elite has passed very strict air quality tests and regulations and it makes UV Elite one of the most environmentally responsible finishes available.

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, UV Elite 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. At high temperatures and low relative humidity add 2% Arboritec "Extender". Shake the container before use for 30-60 seconds. Allow it to rest for 2-3 minutes before applying. Do not dilute the finish. **NOTE!** Make sure solvent-based stains and sealers- if used to enhance colour of wood- are fully cured prior to over-coating with UV Elite.

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. UVElite is suitable for application with a lightweight t-bar applicator, roller or brush. For best results apply one coat of Arboritec primer, let it dry. Sand the floor with a 120 grit screen to remove grain raise. Always test the product on a smaller area to ensure colour and adhesion. For best results on bare, unstained wood floor, always use UV Elite finish with Arboritec primers: First Coat or Vibrant, following label instructions. Apply the first coat of UV Elite 80-105g/m² and leave to dry for 1-3 hours. Apply a second coat and leave to dry for a further 1-3 hours or more depending on drying conditions. It is important that the surface relative humidity is under 8%, or the same as its original value, to guarantee optimal curing conditions.

CURING WITH UV: Use a portable UV unit at a run speed of 6-10 meters per minute, with lamp width between 20 and 40 cm. Make sure you overlap to ensure that the whole surface is cured. The floor can be used immediately after curing. If you have any questions, do not hesitate to contact the floor supplier or Arboritec.

TECHNICAL DATA

SHAKE VIGOROUSLY



Special Ingredient
Recommended Use
Gloss Levels
Additional Features
VOC
Solids by Volume
pH
Approx. Weight/ Density
Odour
Safety/Toxicity
Coverage
Flow and Leveling
Color
Drying Time
Packaging
Storage and transport

Shelf life
Chemical Resistance
Cleaning of tools
Disposal
Maintenance

Ceramic Silica
Commercial, indoor use only
UVElite matt (15); UVElite satin (45); UVElite gloss (90)
Free from NMP, isocyanates and solvents, extremely low VOC.
US: Max. of 21 g/L **EU:** 0g /l (EU limit value for this product (cat. A/i): 140 g/l (2010) 2004/42/CE)
32%
Approx. 8
8.76 lbs./gallon; 1.05 g/cm³; 1.05 kg/l
Very light, non-offending
Non-hazardous / Not classified
500 – 600 sq. ft. per gallon with T-bar / 10-13 m²/l or 80-105g/m² with roller
Exceptional
Wet: milky white, clear when dry
20°C (68°F), RH 50%: 1-3 hours per coat depending on moisture and temperature conditions
US: Carton of 3 x 1 gallon / **EU:** Carton of 3 x 4 litre cans.
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.
Resistant to grease, water and ordinary household cleaners and detergents
Thoroughly clean all application tools with water, right after using.
Never pour surplus finish down the drains. Dispose it in accordance to local regulations.
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

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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There are no express or implied warranties, including warranties of merchantability and/or fitness for a particular purpose. Buyers' remedies are limited to replacement or refund of the purchase price. Manufacturer assumes no liability for injuries, incidental or consequential damages. User shall determine suitability of product for intended use.

*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.*

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