



FlowTec

1-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

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



PLEASE READ ALL INSTRUCTIONS AND SAFETY DATA SHEET BEFORE USING.



FlowTec

PRODUCT DESCRIPTION

Arboritec™ FlowTec is a 1-Component Ceramic Fortified Polyurethane/Acrylate Waterborne Wood Floor Finish enhanced by Innovative Nano Technology. FlowTec is a low-VOC, NMP-free waterborne polyurethane finish that boasts great open time and workability, good adhesion for recoats, and a fast dry and short cure time. Recommended for residential use.

DIRECTIONS FOR USE

Prepare the floor as per NWFA standards. 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™ FlowTec is suitable for application with a lightweight t-bar applicator, roller or brush. For best results, always use FlowTec with Arboritec™ sealers: First Coat or Vibrant. It is not necessary to use Arboritec™ sealers over newly stained floors.

New untreated floors or sanded down to bare wood. Recommended application procedure: Apply 2-3 coats of FlowTec at a rate of 500-600 sq. ft. per gallon on a freshly stained or sealed floor. For best results, use Arboritec™ sealers: First Coat or Vibrant. **NOTE:** Make sure oil-based stains and sealers are solvent-free prior to over-coating; this is determined by your jobsite conditions, and may be longer than the coating time specified on the stain or sealer label/instructions. **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 2-4 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 FlowTec 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 at a rate of 500-600 sq. ft. per gallon on the floor with a lightweight t-bar applicator, roller or brush. Allow 2-4 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.

ENVIRONMENTAL

Arboritec™ FlowTec is one of the most environmentally conscientious waterborne wood floor finish available today. Using renewable resources is one of Arboritec's primary goals in developing better, safer waterborne finishes and sealers, building a greener world, one floor at a time.

TECHNICAL DATA



Special Ingredient
Recommended Use
Gloss Levels (60° Gardner)

Ceramic Silica
Commercial & Residential
Gloss (90), Semi-Gloss (45),
Satin (20), Ultra-Matte (5)
NMP Free
Maximum of 100 g/L (VOC)
Approx. 30%
Approx. 9
8.93 lbs./gallon (1.07 g/cm³)
Very light, non-offending
Non-hazardous
500 - 600 sq. ft. per gallon

Additional Features
Volatile Organic Compound
Solids by Volume
pH
Density
Odor
Toxicity
Coverage

Defoaming
Flow and Leveling
Color
Dry Time (68° F, RH 55%)

Excellent, Virtually no bubbles
Exceptional
Wet: Milky White, Clear when dry
First Top Coat 30 - 60 minutes
Additional Coats 2 - 4 hours
Ready for Light Usage and Traffic 24 hours
Full Cure 5 days

Cure Time

Adhesion for Recoating
Packaging
Storage
Shelf Life
Chemical Resistance
Clean Up
Disposal
Maintenance

Excellent
3 x 1 gallon
Non-flammable, KEEP FROM FREEZING!
12 months in unopened original container at 41°F - 77°F
Resistant to grease, water and regular cleaners and detergents
Thoroughly clean all application tools with water, right after using
Dispose in accordance with local regulations
Use Arboritec™ Cleaner to keep the floor looking its best

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.