

UVElite

UVElite[®]
RESILIENT RESTORATION

UVElite is the newest Hi-Tech advancement in the wood flooring industry that changes how wood floors are finished and refinished. With UVElite, never again wait for floors to cure. UVElite offers immediate curing, immediate floor access, and greatly minimizes early use damage. This single component waterborne polyurethane formula is extremely hard and wear resistant, with durability greatly surpassing that of any two part waterborne finish on the market today. UVElite finish is very environmentally friendly and **completely free of solvents, isocyanates, and NMP.**

ADVANTAGES

- **Ceramic fortification** - UVElite is ceramic-fortified. This compound acts like atomic rebar, reinforcing our finishes to better resist wear and increase durability.
- **Highest durability** - UVElite provide the most durable, longest lasting performance of any of our floor coatings.
- **Instant Cure** - UVElite is fully cured instantly, completely eliminating the possibility of early use damage. This adds maximum life and value to your floor.
- **Environmentally considerate** - Lower VOCs than competitive peers. At less than 10 g/L VOC, it is the lowest-VOC resilient floor finish on the market. It is solvent-free and contains no NMP.
- **Optimized open time, flow and levelling** - UVElite is an exceptionally easy coater.
- **Superior scuff resistance** - Highly resistance to marks, scuffs, and scratches.

TECHNICAL DATA

SPECIAL FEATURE	Ceramic Fortified
RECOMMENDED USE	Commercial
CONTENT	UV-curable polyurethane dispersion
SOLIDS BY VOLUME	32%
VISCOSITY	20-23 seconds (FC 4, 20°)
VOC	< 10g / liter
GLOSS LEVEL	Ultra Matt 10% - Matt 20% Semi Gloss 45% - Gloss 90%
SINGLE COAT COVERAGE	8-10 m ² /l (350 -400 sq. ft. per gallon)
DRY TIME	1-3 hours depending on drying conditions.
UV CURE SPEED	6-10 meters (20-33 ft) per minute - depending on UV lamp output of your specific machine.
READY FOR FULL USE	Immediately after UV curing.
pH	approx. 8
WEIGHT	4.2 kg (9.3 lbs) per jug
PACKAGING	3 x 4 liter (1.05 gal) per box
STORAGE	Store between temperatures of 5-25°C (40-80°F). Protect from freezing.
SHelf LIFE	Best before 12 months from date of manufacture in unopened original packaging under recommended storage condition.
CHEMICAL RESISTANCE	Resistant to grease, water and regular household cleaners and detergents.
APPLICATION TOOLS	10 mm roller
CLEAN UP	Clean tools in water at once after application.
CLEANING & MAINTENANCE	To keep the floor looking its best, clean and maintain floor using UVElite Cleaner and Refresher as per instructions. Do not clean the floor before it is cured.
DISPOSAL	Never pour surplus floor finish down the drains, allow it to dry and dispose of it in accordance with local regulations.



DIBT: Z-157.10-147

UVElite passes EN. 14904 for COF for Sport Flooring, CDPH 1350, LEED, and BREEAM



DIRECTIONS FOR USE

PREPARATION

Sand the floor thoroughly according to accepted industry 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 15° C to 25° C. Relative humidity of the room should be between 40% and 60%. Shake the container vigorously for 60 seconds before opening. Allow to rest for 2-3 minutes, before applying.

APPLICATION

UVElite 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 8-10 m² per liter (350 -400 sq. ft. per gallon).

RECOMMENDED APPLICATION PROCEDURE (BARE WOOD FLOORS)

1. Take moisture reading for background value *.
2. Seal the floor with First Coat RES sealer 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 coat of UVElite finish.
6. Allow 1-3 hours dry time before applying second coat of UVElite finish.
7. Apply second coat of UVElite in the same manner as the first.
8. Allow second coat to dry 1-3 hours.
9. Apply third coat of UVElite if necessary.

RECOMMENDED APPLICATION PROCEDURE (PREVIOUSLY FINISHED, UNSANDED FLOORS)

1. Take moisture reading for background value *.
2. Deep clean the floor with Clean'n Coat RES, following label instructions.
3. Apply one (1) coat of Elevate RES 2 component finish, following label instructions.
4. Apply one (1) coat of UVElite finish.
5. Allow finish to dry 1-2 hours.
6. Apply additional coat of UVElite if necessary and allow to dry.

* *Background Value* – The original moisture content of the wood floor before starting the finishing process.

** *If applying all coats in the same day/night, use First Coat RES + 2 x UVElite; otherwise, use First Coat RES + Elevate RES + UVElite. For heavy traffic or commercial floors, consider using an additional 1-2 coats of UVElite. For other oil/stain systems, contact us.*

CURING WITH UV

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 6-10 m/min (20-33 ft/min) depending on UV lamp power. 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.

CLEANING & MAINTENANCE

Dust-mop regularly with a microfiber mop to ensure maximum floor life. To keep your newly coated resilient floor looking its best, clean and maintain it using Cleaner RES and Refresher RES per instructions. Do not clean the floor before it is fully cured.

HEALTH & ENVIRONMENT

Usual precautions for handling chemical products should be considered. Ensure adequate ventilation. Use protective goggles, apparel and gloves when curing finish. In case of skin contact, wash thoroughly with soap and water. For eyes, flush with plenty of water. Please read all information this technical data sheet, on the label and on the Material Safety Data Sheet. Never pour surplus floor finish down the drains, allow it to dry and dispose of it in accordance with local regulations.

Chemical ingredients: Water, polyurethane resin, ceramic silica, photoinitiators.

Contains 1,2-benzisothiazol-3(2H)-one [EC no. 220-120-9].

May produce an allergic reaction.

Safety data sheet available on request.

**FOR PROFESSIONAL USE! KEEP FROM FREEZING! DO NOT TAKE INTERNALLY!
KEEP OUT OF REACH OF CHILDREN! KEEP FROM ELEVATED TEMPERATURES
AND SUNLIGHT; STORE IN ITS CARDBOARD CARTON UNTIL USE.**

TECHNICAL ASSISTANCE

Contact your distributor or
UVElite Technical Service

Europe HQ

Olof Wijksväg 9,
444 65 Jörlanda, Sweden
+46 303 376 300

North America

8400 East Crescent Pkwy - 6th Floor
Greenwood Village, CO 80111, USA
+1 (877) 416-5972

info@uvelite.com
www.uvelite.com