

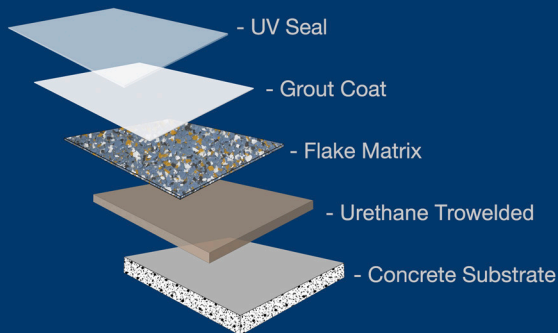


U-TEK™ UV-F

Flake Flooring System

U-Tek™ Urethane Hybrid Flooring

• U-Tek™ UVF - Epoxy Flake 3/16"



Life Science Products

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The Hybrid
Seamless Flooring
That Combines A
Moisture Tolerant Base
System with all the Benefits
of our
UV Top Coat Seal



U-TEK™ UV-F Flooring Features:

- Engineered to provide Superior Protection in High Moisture, Consistent Wash Down Areas
- UV Seal Coat Allows Access the within Hours of Completion
- One of the most Chemical Resistant Surfaces Available
- Exceptional Impact Resistance
- No VOCs - HAPs - Odors
- 100% Solids - Solvent Free
- Skid Resistance & Thermal Relief
- Highly Stain Resistant
- LEED Compliant

U-TEK™ UV-F Flooring System

General Description:

U-TEK™ UV-F flooring is a hybrid flooring system composed of urethane, epoxy and vinyl ester resins that are styrene free. UV-F has been designed to cure within seconds. It cures so completely, the floor can be subjected to chemical exposure, moisture, and weight loads within minutes. The UV seal coat has exceptional stain resistance, will not amber, is highly impact resistant and maintains excellent thermal properties. The initial layer is a moisture tolerant urethane cement which is not sensitive to moisture migration through the substrate at reasonable levels. Flake chips are broadcast to meet user requirements for floor color. A cove base of 4" is standard unless otherwise specified.

Details and Properties

Color - Resins are Clear. Floor color determined by flake broadcast

Installed Thickness - 3/16"

Resin Storage Temperature - 60° - 80° Fahrenheit

Epoxy and Urethane Resins - 100% Solids

System Type - Flake Broadcast

Mix Ratio - 2:1 (Resin to Hardener)

Agitate Time - 2 Minutes then scrape interior of mixing container and mix 1 more minute.

Sub-Floor Moisture Vapor Transmission - Not to exceed 2.9 Pounds of water per 24 hours per 1,000 sq.ft. as determined by test ASTM F-1869. (Calcium Chloride Test)

Minimum Test Values Required:

ASTM C-579 Compressive Strength - 13,000 psi

ASTM C-307 Tensile Strength - 750 psi

ASTM C-580 Flexural Strength - 1,450 psi

ASTM D-635 Flammability - Self Extinguishing

Chemical Resistance:

Acetic Acid, 10% - SS
Acetone - SS
Aluminum Chloride - E
Ammonium Hydroxide, 28% - SS
Calcium Chloride, 30% - E
Calcium Hypochlorite 30% - E
Chlorine (Wet or Dry) - SS
Clorox Full Strength - SS
Diethyl Phthalate - E
Formaldehyde, 37% - SS
Formic Acid, 10% - SS
Gasoline - E
Glycerin - E
Hydrochloric Acid, 10% - E
Hydrochloric Acid, 37% - G
Hydrogen Peroxide, 6% - SS
Isopropyl Alcohol - SS
Lactic Acid, < 20% - E
Mineral Spirits - E
Nitric Acid, 10% - E
Phosphoric Acid, 50% - E
Potassium Hydroxide - E
Sodium Hydroxide, 50% - E
Sodium Hypochlorite, 15% - SS
Sulfuric Acid, 10% - E
Sulfuric Acid, 30% - E
Trichloroethylene - G
Trisodium Phosphate - E
Urea - E
Urine - E

E = Excellent (Maintains Resistance up to 7 days)

G = Good (Maintains Resistance up to 25 hours)

SS = Splash & Spill Requiring Immediate Removal

(The above is a generic listing of chemical resistance and may not be accurate for all commercial solutions. LSP recommends testing all new chemicals before adding to cleaning protocols.)

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