

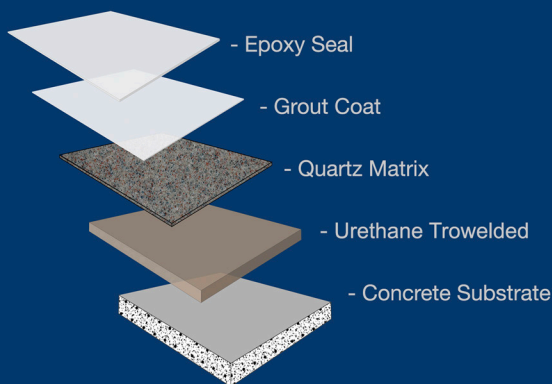


U-TEK™ EP-Q

Quartz Flooring System

U-Tek™ Urethane Hybrid Flooring

- Utek™ EPQ - Epoxy Quartz 3/16"



U-TEK™ Combats
Moisture Concerns
When Flooring is
Subject to Robust
Wash Downs &
Vigorous Cleaning
Protocols



U-TEK™ EP-Q Flooring Features:

- Engineered to provide Superior Moisture Protection in High Moisture, Consistent Wash Down Areas
- Chemical Resistant Epoxy Seal Coat
- Excellent Thermal Properties
- 100% Solids - Solvent Free
- Excellent Impact Resistance
- Skid Resistance
- Low or No VOCs
- High Taber Resistance
- LEED Compliant

Life Science Products

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U-TEK™ EP-Q Flooring System

General Description:

U-Tek flooring systems are developed to provide moisture tolerant flooring options while incorporating functional flooring resins for chemical resistance, skid resistance and thermal relief. It provides an excellent solution to problem areas subject to substrate moisture, thermal changes, consistent wash downs and puddling. LSP EP-Q flooring is a hybrid system composed of urethane and epoxy resins, using quartz broadcast for texture and color. The initial layer is a urethane cement which is not sensitive to moisture migration through the substrate at reasonable levels. The seal coat is a chemical resistant epoxy. Concrete substrates should be checked for moisture migration using the ASTM F 1869-98 calcium chloride test prior to installation. A covebase of 4" is standard unless otherwise specified.

Details and Properties

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

Installed Thickness - 3/16"

Resin Storage Temperature - 60° - 80° Fahrenheit

Epoxy and Urethane Resins - 100% Solids

System Type - Quartz 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 - 10,000 psi

ASTM C-307 Tensile Strength - 750 psi

ASTM C-580 Flexural Strength - 1,450 psi

ASTM D-635 Flammability - Self Extinguishing

Chemical Resistance:

E = Excellent (Maintains Resistance up to 7 days)

G = Good (Maintains Resistance up to 25 hours)

SS = Splash & Spill Requiring Immediate Removal

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

(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 the addition to cleaning protocols.)

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