

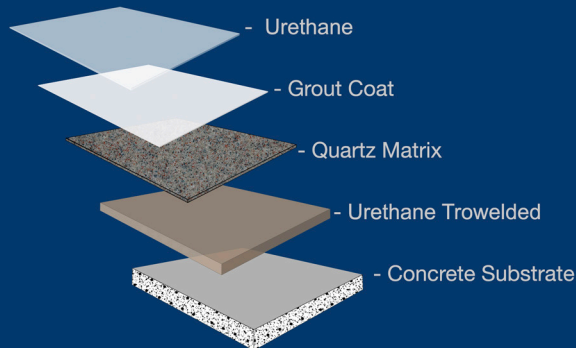


U-TEK™ Pit Liner

Quartz Flooring & Wall Coating
System

U-Tek™ Urethane Hybrid Flooring

• Utek™ Pitliner - Quartz 3/16"



Life Science Products

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The Moisture Tolerant Urethane System Formulated for both Floors and Walls of Autoclave Pits and Trenches.



U-TEK™ Pit Liner Flooring & Wall Features:

- Engineered to provide Superior Moisture Protection in Pit Environments
- Low or No VOCs
- Excellent Chemical Resistance
- 100% Solids - Solvent Free
- Skid Resistant
- Thermal Relief
- Impact Resistant
- LEED Compliant

U-TEK™ Pit Liner Floor and Wall

System General Description:

U-TEK™ Pit Liner was developed to provide moisture tolerant flooring and vertical surface application primarily in pits or trench drains. The initial layer is a urethane cement which is not sensitive to moisture migration through the substrate at reasonable levels. Quartz aggregate is broadcast to meet user requirements for surface texture and color. The urethane seal coat functions well in wet, high temperature, locations such as autoclave pits and/or trench drains. **U-TEK™ Pit Liner** can also be used on flat surfaces to create sloping to the drains. It can be used as a standalone system or can be hybridized with other LSP systems to meet specific facility needs.

Details and Properties

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

Installed Thickness - 1/8" - 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 - 15,600 psi

ASTM C-307 Tensile Strength - 720 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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