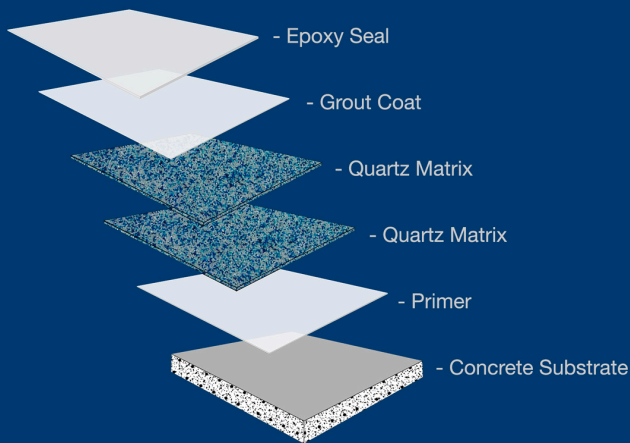




SeamTek™

Epoxy Quartz Flooring Type 3Q



**Seamless 3/16" Thick
Epoxy Quartz Flooring.**
*Formulated Specifically for
Environments with Thermal
Changes, High Temperatures
and High Moisture.*

**Ideal for
Cage Wash, Autoclaves
and Sterile Processing**



SeamTek™ Epoxy Quartz Flooring Type 3Q Features:

- LEED Compliant
- 3/16" Aggregate floor resists damage from thermal movement
- Variable surface texture provides the required traction.
- Very Good Chemical Resistance
- Good Wear Properties
- Offered in a decorative quartz broadcast
- LSP professional installation may be available depending on location

Life Science Products

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SeamTek™ Epoxy Quartz Flooring Type 3Q General Description

SeamTek™ Epoxy Quartz Flooring incorporates specifically formulated resins as the backbone of the system. Quartz flooring has traditionally been used in Biomedical Research facilities and pharmaceutical and healthcare applications. Its durability and resistance to Thermal Shock make it an ideal choice for Cage Wash and Autoclave areas. **SeamTek™** systems are hard, seamless surfaces that provide years of life with minimal maintenance. Our epoxy resin is designed to be used with various hardeners to achieve an optimal custom installation. **SeamTek™** epoxy floors are generally installed with a 4" integral cove base on walls unless otherwise specified. (4"-14" Cove Available)

SeamTek™ Epoxy Quartz Flooring Type 3Q Details and Properties

Color – Resins are Clear. Floor color determined by color of the quartz.

Seal Coat - Chemical Resistant Epoxy

Installed Thickness – 3/16 Inch

Resin Storage Temperature – 60°-80° Fahrenheit

Epoxy Resins – 100% Solids

System Type – Slurry/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 – 3,100 psi

ASTM C-580 Flexural Strength – 4,000 psi

ASTM D-635 Flexural Modulus – 2.5×10^5

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.)

Product Health and Safety Information

Refer to container labels and Material Safety Data Sheets available from LSP for health, safety and environmental information. If necessary, call LSP at (800) 638-9874.

Life Science Products have been in demand by these and other highly respected institutions:

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