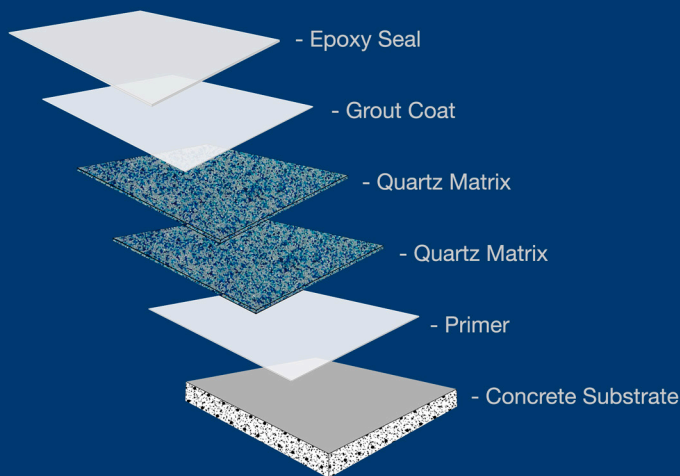




# SeamTek™

## Epoxy Quartz Flooring Type 4Q



**Seamless 1/8" Thick  
Epoxy Quartz Flooring.**  
*Formulated for Everyday Traffic  
areas such as  
**Hallways, Holding and,  
Procedure Rooms, Pharma  
Production Facilities and  
most Hygienic Clean Room  
Applications***



### **SeamTek™ Epoxy Quartz Flooring Type 4Q Features:**

- LEED Compliant
- 1/8" Seamless Surfaces
- 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**

124 Speer Road, Chestertown, MD 21620  
www.lspinc.com | 800-638-9874 | info@lspinc.com

© 2022 Life Science Products, Inc.

## SeamTek™ Epoxy Quartz Flooring Type 4Q 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, as well as pharmaceutical and healthcare applications. Its 1/8" thickness makes **SeamTek™ Type 4** the ideal choice for hallways, procedure rooms, holding rooms, kitchens, bathrooms, and almost any hygienic clean room environment. **SeamTek™** systems are hard, seamless surfaces that provide years of life with minimal maintenance. Our epoxy resin is designed to be used with a variety of hardeners to achieve the 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 4Q Details and Properties

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

**Seal Coat** - Chemical Resistant Epoxy

**Installed Thickness** – 1/8 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 –  $2.5 \times 10^5$

## 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:**

Bristol Meyer Squib | Children's Mercy | Cleveland Clinic | CalTech Univ. | Dana Farber | Duke University  
Emory University | F.D.A. | Harvard University | M.D. Anderson | NIH | Novartis | Northwestern University  
Ohio State U. | Pfizer | Princeton University | Regeneron | University of North Carolina | Yale University