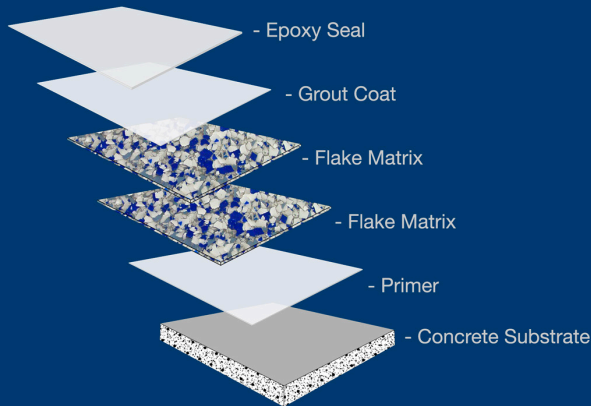




SeamTek™

Epoxy Flake Flooring Type 3F



**Seamless 3/16" Thick
Epoxy Flake Flooring.**
*Formulated Specifically for
Environments with Thermal
Changes, High temperatures
and High Moisture*
**Ideal for
Cage Wash, Autoclaves
and Sterile Processing**



SeamTek™ Epoxy Flake Flooring Type 3F Features:

- LEED Compliant
- 3/16" Minimum - Flake Design
resists damage from thermal
movement.
- Wide Range of Color Options
- Excellent Wear Properties
- Very Good Chemical Resistance
- 100% Solids – Solvent Free
- Low VOC and Low Odor
- High Taber Resistance
- Low Flammability
- Excellent Clarity of the Matrix
- 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

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SeamTek™ Epoxy Seal Flake Flooring

Type 3F 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, healthcare, and pharmaceutical 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 Seal Flake Flooring

Type 3F Details and Properties

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

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:

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