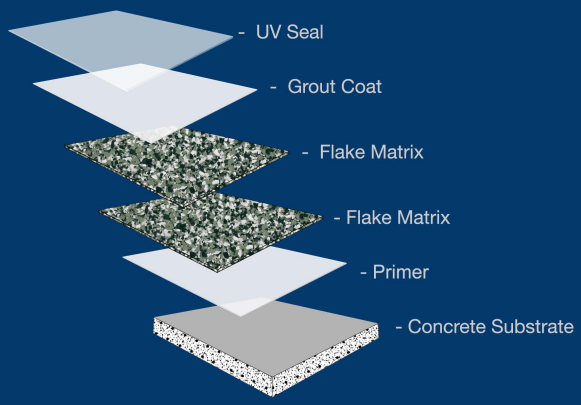
SeamTek™ N² UV Cured Type 2F

Flake Flooring



Life Science Products
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Install LSP's World Class UV Sealed Floor
in the Morning,
Use Your New Floor
the Same Day.
No Odor, No VOCs, No HAPs.
Completely Sealed,
Environmentally & Personnel Friendly

SeamTek™ N2 UV Cured Type 2F Flooring Features:

- Immediately Available to Occupy
- One of the Hardest, Chemical Resis-tant, Seal Coats Available
- Superior Stain Resistance
- No Lingering Odor like MMA
- Extremely Long Lasting
- Clear and No Ambering
- 100% Solids – Solvent Free
- No VOCs and No HAPs
- LEED Compliant
- High Taber Resistance

SeamTek™ N^2 UV Cured Type 2F Flooring General Description:

SeamTek™ N2 UV Cured Type 2F Flooring is composed of epoxy, urethane, and vinyl ester resins. They are styrene free and very environmentally friendly. The system uses UV Lights to cure within seconds at such an advanced level to allow the use of the floor immediately. So completely cured and sealed, it accepts full weight loads and chemical exposure with no wait time. **SeamTek™** N2 Type 2F uses flake chips to provide color and random pattern. The system has excellent thermal properties and impact resistance. The exceptional levels of stain resistance and extended life without ambering, makes the system ideal for surgical suites and critical healthcare areas. Hospitals and medical research facilities are experiencing the long term financial benefits of keeping operating rooms and intensive care units open and available to patients for a longer life cycle.

Details and Properties

Color - Resins and UV Coat are Clear. Floor color and pattern determined by flake colors.
Installed Thickness - Nominal 110 mils.
Resin Storage Temperature - 60°- 80° Farenheit

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 deter-mined by test ASTM F-1869. (Calcium Chloride Test)

Minimum Test Values Required:
ASTM C-579 Compressive Strength - 17,000 psi
ASTM C-307 Tensile Strength - 13,000 psi
ASTM C-580 Flexural Strength - 25,000 psi

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.)

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

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