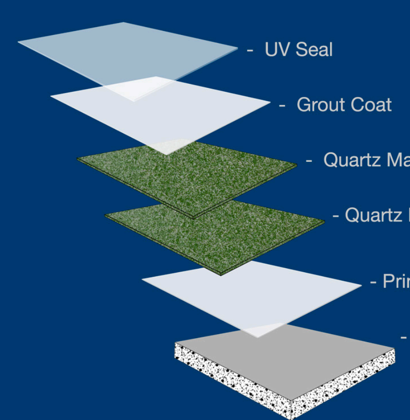
SeamTek™ N² UV Cured Type 2Q

Quartz Flooring

,QVWDOO 63V IRUOG &ODVV
89 6HDOHG)ORRU
LQ WKH 0RUQLQ
8VH RU 1H)ORRU
WKH 6DPH 'D
1R 2GRU 1R 92&V 1R 3V
&RPSOHWHO 6HDOHG
(QYLURQPHQWDOO
3HUVRQQHO)ULHQGO



6HDP7HN 1 89 &XUHG
7SH 4)ORRULQ)HDWXUHV

- ,PPHGLDWHO\ DYDLODEOH WR
  2FFS
- 2QH RI WKH DUGHVW &KHPLFDO
  5HVLVWDQW 6HDO &RDWV DYDLODEOH
- 6SHULRU 6WDLQ 5HVLVWDQFH
- 1R LQHULQ 2GRU 0LNH 0
- (WUHPHO RQ DVWLQ
- &OHDUDQG 1RPEHULQ
- 6ROLGV 6ROYHQW)UHH
- 1R 92&V DQG 1R 3V
- ((& &RPSOLDQW
- L 7DEHU 5HVLVWDQFH

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

SeamTek™ Type 2Q N2 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 2Q uses quartz aggregate to provide color and random pattern. The system has excellent thermal properties and impact resistance.

SeamTek™ Type 2Q N2 flooring is recommended for Cage Wash or high moisture areas, as quartz aggregate can provide adequate non-skid properties in high moisture areas.

LSP N2 UV systems provides similar long term benefits as MMA floors without their typical odor issues.

Details and Properties

Color - Resins and UV Coat are Clear. Floor color and pattern determined by quartz colors.
Installed Thickness - Nominal 110 mils.
Resin Storage Temperature - 60°- 80° Farenheit
Epoxy 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 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
ASTM D-635 Flexural Modulus - 2.5 x 10^5
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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