



SeamTek™ Glasswall TQ Epoxy Wall and Ceiling Coating System



Glasswall TQ Durable, Highly Abrasion and Chemical Resistant Epoxy Coating



SeamTek™ Glasswall TQ Features

- Extremely Durable
- No amine blush–no frosting
- Color Stable
- Decorative Wall Surface
- Superior Impact Resistance
- Excellent adhesion to concrete
- Good Workability – easy to spread
- 100% solids – Solvent Free
- Low VOC -Low Odor
- High Taber Resistance
- Low Flammability

Life Science Products

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SeamTek™ Glasswall TQ

General Description

SeamTek™ GlassWall TQ is a three-component 100% solids, low-odor, low-VOC epoxy resin wall covering system. It chemically cures to form a highly abrasion-resistant wall system when high-performance interior surface finishes are required. SeamTek™ Glasswall TQ is designed to exhibit decorative characteristics, impact resistance, chemical resistance, and durability.

It has been formulated as a mortar to be a nominal 1/8" thick. This is the same resin and aggregate formulation as an epoxy quartz floor. The basic resin component (SR101) is formulated to work with several selected hardeners to serve as a highly durable matrix. The seal coat hardener (CRH405) assures outstanding chemical resistance when compared to other CR epoxy products.

SeamTek™ GlassWall TQ can be installed over masonry, poured concrete and hardboard surfaces to provide a seamless aesthetic surface. Unless otherwise specified, SeamTek™ GlassWall TQ will follow the contour(s) of the existing substrate and cannot be used as a stand-alone system to correct such problems. SeamTek™ GlassWall TQ is designed to be 1/8" thick, which is referred to as a mortar mix system.

SeamTek™ Glasswall TQ Details and Properties

Specific Gravity - ASTM D 70, Fisher #3-247

Pycnometer – 1.25

Weight: ASTM E 201 – 10.7 lbs./gal

Non-Volatile Content: ASTM D 1353, 18 hrs. at 200°F (93°C) – 100%

Viscosity, cps - ASTM D 1475 77°F (25°C) 8,850 cps

Flash Point TCC Minimum - Seta Flash – Greater Than 2000 F (930 C)

Solvent Odor – ASTM D1296 – Extremely Low

Pot Life – 20 Minutes at 720 F (220 C) & 50% R.H.

Flammability - ASTM D 635 - Self-Extinguishing

Mixing:

1. Apply 101 epoxy primer to the substrate and seed with fine aggregate. Allow to cure.
2. Basic mortar mix: SR101 and SH101 in 2:1 mix ratio as above. Mix 1 ½ quarts (three pints) of mixed liquid with 11 quarts of color quartz or 50 mesh sand. Trowel on wall @ 12 – 13 square feet per gallon of mortar mix.
3. Grout Coat: Mix neat resin SR101 and hardener CRH405 in a 2:1 ratio and apply at a spread rate sufficient to fill the surface porosity. Repeat in successive applications until "holidays" disappear. This may require successive days.
4. Seal Coat: Mix neat resin SR101 and hardener CRH405 in a 2:1 ratio and apply at a spread rate sufficient to leave an even sealed surface.

Storage and Handling:

Because SeamTek® GlassWall TQ has a flash point above 200°F (93°C), transportation, storage and handling are less restricted.

Limitations:

SeamTek® GlassWall TQ must not be used to bridge moving cracks or joints. Non-moving cracks or joints that must be over coated require rigid repairs. Surface or air temperature must be between 65°F minimum and 75°F maximum and relative humidity below 80%. Lower temperatures will extend cure time and higher temperatures will reduce pot and work life.

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.

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