SurePoxy HMSLV

SurePoxy HMSLV is 100% solids, super low viscosity, moisture-insensitive epoxy resin system that meets ASTM C-881, Types I, II, IV, and V, Grade 1, and Class C. SurePoxy HMSLV is recommended neat as a crack healer and penetrating sealer for above and below grade structural repairs of horizontal decks, slabs, patios, driveways, parking garages. SurePoxy HMSLV is also ideal for gravity feeding or pressure injection of cracks in structural concrete, masonry, wood, etc. SurePoxy HMSLV will re-bond cracks, delamination, and hollow planes in concrete, and due to its extremely low viscosity SurePoxy HMSLV will penetrate deeper than normal low viscosity epoxies.

ADVANTAGES

- ⊘ Meets ASTM C-881, Types I, II, IV, & V, Grade 1, Class C
- ⊘ Super Low Viscosity
- ⊘ Packaged to Prevent Mixing Errors
- ⊘ Load-Bearing
- ⊘ Hairline Crack Repairs
- ⊘ USDA
- ⊘ Solvent Free
- ⊘ US Army Corps of Engineers
- ⊘ LEED Credits
- ⊘ Moisture Insensitive
- ⊘ 100% Solids
- ⊘ Chemically Resistant
- ⊘ Easy Mixing

PACKAGING

- ⊘ 16.5 ounce cartridge
- ⊘ ¾ gallon units
- ⊘ 3-gallon units
- ⊘ 15-gallon units

USES

- ⊘ Low Pressure & High Pressure Crack Injection
- ⊘ Gravity Feeding of Cracks
- ⊘ Penetrating Sealer
- ⊘ Binder with SurePoxy Mortar Aggregate to Produce an Epoxy Mortar
- ⊘ Binder with K Pro HP Grout Aggregate to Produce an Epoxy Grout
- ⊘ Anchoring Dowel Bars and Threaded Rod

COMPLIANCES

- ⊘ ASTM C-881, Types I, II, IV, and V, Grade 1, Class C
- ⊘ AASHTO M-235, Types I, II, IV, and V, Grade 1, Class C
- ⊘ Federal Aviation Administration

TEST METHODS	TEST RESULTS
Mix Ratio	2:1 by Volume
Pot Life	35-45 Minutes
Viscosity (ASTM D-2566)	170-200 cps.
Bond Strength (ASTM C-882) 2 Days Moist Cure 14 Days Moist Cure	2,690 psi. 3,370 psi.
Compressive Strength (ASTM D-695) 1 Day 3 Days 7 Days	7,700 psi. 11,120 psi. 11,410 psi.
Tensile Strength (ASTM D-638) 7 Days	7,700 psi.
Tensile Elongation (ASTM D-638)	3-5%