

SurePoxy HMLV Class B



SurePoxy HMLV Class B is a 100% solids, low viscosity epoxy resin system, that meets ASTM C-881, Types I, II, IV, and V, Grade 1, and Class B, and is ideal for use down to 33°F without pre-conditioning. SurePoxy HMLV Class B is ideal to repair cracks in concrete through either gravity feeding or injection. Additionally, SurePoxy HMLV Class B is excellent as a binder to produce an epoxy grout or epoxy mortar.

ADVANTAGES

- ✔ Meets ASTM C-881, Types I, II, IV, & V, Grade 1, Class B
- ✔ Contains Zero VOCs
- ✔ Ideal for use down to 33°F without pre-conditioning
- ✔ Packaged to Prevent Mixing Errors
- ✔ Load-Bearing
- ✔ State Approved
- ✔ USDA
- ✔ Solvent Free
- ✔ US Army Corps of Engineers
- ✔ LEED Credits
- ✔ Moisture Insensitive
- ✔ 100% Solids
- ✔ Chemically Resistant
- ✔ Easy Mixing

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
- ✔ DOT Approved

USES

- ✔ Crack Injection
- ✔ Gravity Feeding of Cracks
- ✔ 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

PACKAGING

- ✔ 16.5 oz. cartridges
- ✔ ¾ gallon units
- ✔ 3-gallon units
- ✔ 15-gallon units

TEST METHODS

Mix Ratio

Pot Life

Bond Strength (ASTM C-882)
14 Days Air Cured

Compressive Strength (ASTM C-695)
1 Day
7 Days

Tensile Strength (ASTM D-638)
7 Days

Tensile Elongation (ASTM D-638)

TEST RESULTS

2:1 by Volume

35-45 Minutes

1,885 psi.

13,000 psi.
15,000 psi.

7,100 psi.

4%.