

# SurePoxy HM EPL



**SurePoxy HM EPL** is a 100% solids, high modulus epoxy bonding agent that is unique because it is formulated to have an extended open time of 15 hours at 72°F. Due to being 100% solids, SurePoxy HM EPL forms a vapor barrier to prevent corrosion and meets all aspects of ASTM C-881, Types I, II, and V, Grade 2, and Class C. These two features set SurePoxy HM EPL apart from inferior water-dispersed epoxy systems that do not form a vapor barrier or meet national standards. Additionally, SurePoxy HM EPL may be mixed with the C Component blend to provide a rough surface on rebar for subsequent bonding of repair mortars or concrete.

## ADVANTAGES

- ☑ Meets ASTM C-881, Types I, II, & V, Grade 2, Class C
- ☑ 15 hour extended tack-free time
- ☑ Forms a vapor barrier
- ☑ Contains zero VOCs
- ☑ Load-bearing
- ☑ Packaged to prevent mixing errors
- ☑ Moisture Insensitive
- ☑ Chemically resistant
- ☑ High strength
- ☑ State approved
- ☑ USDA
- ☑ US Army Corps of Engineers
- ☑ LEED credits
- ☑ Easy mixing
- ☑ Component C may be used to provide a rough surface for subsequent bonding to rebar

## PACKAGING: ANTI-CORROSION COATING ON REBAR

### ☑ 3.85 Gallon Unit:

One gallon each of Components A (resin) and B (hardener), and one 37 lb. bag of aggregate. One unit of SurePoxy HM EPL, when applied at 80 ft<sup>2</sup>/gallon, will cover 308 ft<sup>2</sup>. When applied at 160 ft<sup>2</sup>/gallon, one unit will cover 616 ft<sup>2</sup>.

## PACKAGING: EXTENDED POT LIFE BONDING AGENT

- ☑ 2-gallon units
- ☑ 10-gallon units

## TEST METHODS

## TEST RESULTS

Mix Ratio	1:1 by Volume
Color	Dark Amber
Pot Life @ 72° F	15 Hours
Bond Strength (ASTM C-882) 7 Day	2,800 psi.
Compressive Strength (ASTM C-109) 1 Day 7 Days	6,000 psi. 8,500 psi.
Tensile Strength (ASTM D-638) 7 Days	7,000 psi.
Tensile Elongation (ASTM D-638)	5%