



# CE700 HPC

## HYBRID POLYMER CONCRETE

### ITEM NUMBER CE700 HPC

### DESCRIPTION

CE700 HPC is a three-component system containing the finest hybrid polymer resins and blends of specialty selected coarse aggregates. When properly mixed, the reacted chemistry produces a highly engineered polymer concrete composite designed for bridge deck overlays, patching, and resurfacing applications. Specifically designed to resurface and restore prepared concrete surfaces from ½” to 12” in one application lift. The system can be utilized for variable depth cross sections. Return to traffic within 3 hours.

### WHERE TO USE

- Resurface bridge decks
- Elevated parking decks
- High precision concrete repair

### ADVANTAGES

- High strength system provides excellent protection against chloride intrusion
- Rapid return to traffic – less than 3 hours
- Impermeability provides for excellent bridge preservation
- High abrasion resistance
- Lower modulus formula produces less stress on the substrate
- 24/7 technical support from experienced technicians
- No volatile chemicals odors. Zero VOC.
- All components blend easily together producing a high traction resistant finish
- Durable in extreme climatic conditions
- High tensile and flexural strength
- Made in the USA
- Exceptional composite bond strength: Primer application is optional
- Freshly placed system can be tined to produce a traction profile
- No explosive catalyst required to activate mix design
- Low viscosity for fast and efficient mixing and finishing
- Rapid strength gain and curing features

### COVERAGE

4-gallon liquid polymer with 300 lbs. aggregate will yield 2.5 cu. ft. Yield: 30 sq. ft. @ 1 “ thick.

### PACKAGING

#### **Liquid Polymers**

- 2 gal / 7.6 L units
- 10 gal / 38 L units
- 100 gal / 378 L units
- 500 gal / 1892 L units

#### **Blended Aggregate**

- 50 lb. / 23 kg bags
- 2500 lb./ 1134 kg super sacks

#### **- Repair Unit: 1.25 cu. ft. kit:**

- 1.0 gallon Part A - liquid / 1.0 gallon Part B - liquid / 3 – 50 lb. bags Part C – aggregate

#### **- Standard Unit: 5.0 cu. ft. kit:**

- 4.0 gallon Part A – liquid (pail) / 4.0 gallon Part B – liquid (pail) / 12 – 50 lb. bags Part C – aggregate

#### **- Precision Unit: 2.3 cu. yds. kit:**

- 50 gallon Part A – liquid (drum) / 50 gallon Part B – liquid (drum) / 3– 2500 lb.( bulk bag) Part C - aggregate

#### **- DOT Unit: 11.6 cu. yds. kit:**

- 250 gallon Part A – liquid (tote) / 250 gallon Part B – liquid (tote) / 15 – 2500 lb.( bulk bag) Part C - aggregate





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### **HANDLING PRECAUTIONS**

Refer to the Safety Data Sheet for CE700 HPC before using.

### **WARRANTY**

#### **LIMITED WARRANTY**

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