



# FX-928

## Concrete Mix

### DESCRIPTION:

**FX-928® Concrete Mix** is a single component, high early strength concrete designed for use in concrete slabs. **FX-928 Concrete Mix** combines the latest concrete technologies and high quality raw materials, including integral corrosion inhibitor, to yield a long lasting, high strength; durable concrete repair anywhere that long down times cannot be tolerated.

### ADVANTAGES:

- High early compressive strength
- Excellent workability
- Easy mixing and placement
- Fully cured in less than 2 hours
- Shrinkage compensated
- Excellent finishing characteristics
- Excellent bond to concrete substrates

### WHERE TO USE:

- Highway Bridge Decks
- Concrete Slabs on Grade
- Airport Runways
- Parking Decks

### COVERAGE:

Each 60-lb. bag (27 kg) yields approximately .50 cu. ft. of concrete when mixed with 2.5 quarts of water. To produce compressive and flexural strengths shown, water should not exceed 0.625 gallon to each 60-lb. bag.

### PHYSICAL PROPERTIES:

Setting Time		
ASTM C 266		
Initial Set	20 minutes	minimum
Final Set	30 minutes	maximum
Compressive Strength Mortar		
ASTM C 39 4" x 8"		
2 hours	3000 psi	
24 hours	4000 psi	
7 days	6000 psi	
28 days	7500 psi	
Flexural Strength	1650 psi	
ASTM C-293		
Scaling Resistance	0 Rating	No Scaling
ASTM C 672		
Length Change	0	
ASTM C 157		

### SURFACE PREPARATION:

Areas to be patched must be cleaned to sound concrete. Precautions should be taken if sandblasting that water and oil collection pots are used in compressed air delivery lines. All exposed steel should be cleaned and coated with **FX-406 Zinc Rich Primer**. For added corrosion protection for reinforcing steel, use **FX-752 Hydro-Ester® Bonding Agent**. Before placing **FX-928® Concrete Mix**, the area to be patched should be wetted with clean water to minimize water withdrawal. Remove freestanding water just prior to placement.

### MIXING:

**FX-928® Concrete Mix** should be mixed in rotary drum or other suitable mechanical mixer. Introduce measured amount of water to mixer, no more than 2.5 quarts per bag. Add 3/4 of the water to the mixer. Add **FX-928® Concrete Mix** to water with mixer operating. Add the remaining water to the mixer as necessary. Mix for no more than three minutes to obtain desired consistency. Dump batch and immediately deliver **FX-928® Concrete Mix** to prepared pavement area. Clean mixer by adding water and allowing mixer to run. Level the **FX-928® Concrete Mix** to the surrounding pavement with an appropriate screed before set, broom finish if necessary. If smooth finish is desired, trowel lightly before set.

### CURING:

ACI guidelines call for curing all fresh concrete in place. Cover with wet burlap and polyethylene (for 2 hours in the case of Fox products) or apply FX-15 If applying a membrane, such as urethane or epoxy, consult with the membrane manufacturer prior to applying FX-15.

### LIMITATIONS:

**FX-928® Concrete Mix** should not be used in temperatures below 40°F (4°C). Lower temperatures produce a slower set; higher temperatures produce a faster set. For temperatures below 40°F (4°C) consult with the manufacturer for special cold weather placement provisions which include but are not limited to conditioning the materials, using a heated mix water and thermal protection.

**FX-928® Concrete Mix** should not be applied at less than 1/2" (12.7 mm) thickness. If used in areas where acidic chemical spillage is present, it should be protected with a coating such as **FX-3110 Multifunctional Coating**.

For best results when placing against existing concrete, apply **FX-752 Bonding Agent** immediately prior to placement.

(over)

**SHELF LIFE:**

One (1) year

**CAUTION:**

Contains Portland Cement and Silica. Avoid breathing dust. Cement powder or freshly mixed concrete, grout or mortar may cause skin injury. Avoid contact with skin; wash exposed areas promptly with water. If any cement powder or mixture gets into eyes, rinse immediately and repeatedly with water. Get prompt medical attention!

*FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN. 4/2011*