



# FX-922 Plug and Fast Set

## DESCRIPTION:

**FX-922 Plug and Fast Set** is a light gray cement based powder. It is mixed with water to produce a fast setting mortar to make masonry repairs or to place anchor bolts. Masonry sand can be added to extend the setting time.

## ADVANTAGES:

- Fast-Setting
- Non-Shrink
- Excellent bond to concrete
- Underwater patching
- Semi-Paste Consistency
- One Component, merely requires the addition of water

## WHERE TO USE:

**FX-922 Plug and Fast Set** is used wherever a fast, smooth, non-shrink patch is needed and where water seepage is occurring, such as bell and spigot joints in sewer or water pipes, (concrete or clay); around conduits in manholes, storm drains or underground electric vaults (for high pressure leaks, use **FX-III Expanding Jet Set**); honeycomb in new or old concrete, whether overhead or vertical; anchor bolts, vertical or horizontal; to restore deteriorated manholes. Plug leaks with **FX-922** or seal with **FX-III Jet Set**. **FX-922** can be successfully used to accelerate the set of expanding type bentonite slurries of 20-30% solids, to prevent the slurry from being washed out around a pipe conduit or interlocking steel or concrete sheet piles. (To restore manholes, plaster with **FX-253 Fiber Reinforced Mortar**).

## PHYSICAL PROPERTIES:

Color	Gray
Initial Set (Gilmore)	3 to 5 minutes
Final Set (Gilmore)	15 minutes
Compressive Strength	
-- ASTM C 109	
1 hour	1800 psi
2 hours	2200 psi
6 hours	2500 psi
24 hours	4000 psi
7 days	4500 psi

## APPLICATION:

To stop leaks, add clean water and mix to desired consistency. **FX-922** sets in 1 to 3 minutes at 75°F. If it sets too fast, add 1 to 2 parts of clean masonry sand. Knead into honeycombs by hand with rubber gloves. For small quantity mixing, use rubber or plastic containers. Plug minor leaks first working from the edges. Place **FX-922** firmly into the crack or hole. For large openings, form compound into a carrot shape, and when plug is firm, ram it into cavity. Hold in place with heel of rubber gloved hand. Let go, strike off flush with surface.

To improve the appearance of concrete surface, gauge **FX-922** with clean water to a workable consistency for a slush coat application. To achieve a better blending in appearance between repair and original concrete, aggregate should be the same as that used in the original concrete.

## COVERAGE:

One gallon (10 lbs.) of **FX-922 Plug and Fast Set**, when mixed with 1 quart of water, will produce approximately 180 cu. in. of mortar.

## SHELF LIFE:

1 year in original, unopened container.

## STORAGE:

Store dry at 40–95°F. **Condition material to 65–75°F before use.**

## LIMITATIONS:

Minimum application temperature of 40°F and rising at time of application. Use only potable water for mixing.

## CAUTION:

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

## FIRST AID:

In case of skin contact, flush with water. For eyes, flush immediately with plenty of water for at least 15 minutes, and contact a physician. Wash clothing before re-use.

FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN. 6/2011