



A Subsidiary of Garland Industries

RocLoc™ FSC

DESCRIPTION

RocLoc™ FSC is a fast setting, non-shrinking hydraulic cement formulated to last the life of the structure. RocLoc FSC is ideal sealing active leaks, below grade plumbing/conduit penetrations, holes, cracks, cold joints, form ties, or other concrete/masonry irregularities in elevator pits, residential and commercial basements, tunnels, pipes, retaining walls, dams, tanks and mines. RocLoc FSC is compatible with all GMX Barriers spray-applied membranes for use as a surface preparation and transition detailing material.

BENEFITS

- Stop active leaks
- Prevent seepage through cracks
- Seal leaks around plumbing penetrations in concrete or masonry walls
- Surface preparation for waterproofing
- Seal form tie holes

APPLICATION

Cracks and Holes - Cut to a minimum depth and width of $\frac{3}{4}$ " undercut if possible, never V cut. Brush away debris then flush with clean water. Make certain all contaminants are removed especially oil, grease, and release agents. With clean water thoroughly dampen all areas to which cement will be applied. Force material into crack by hand then immediately trowel smooth. For cracks where water is actively leaking hold cement in hand until a temperature increase can be felt, then force the material into the crack and hold in place until set. Now shave excess material to obtain a flush finish.

Waterproof Coating Preparation for Form Ties and Surface Irregularities - Make sure area to be patched is clean and free of loose debris. Make certain all contaminants are removed especially oil, grease, and release agents. With potable water thoroughly dampen all areas to which cement will be applied. Force material into tie hole or across irregular surfaces by hand allowing the material to stay slightly built up. Immediately trowel smooth if required.

MIXING

Mix dry cement and clean water to a paste consistency (approximately 3 parts cement to 1 part water by volume). Do not mix more than can be placed in 3 minutes.

COVERAGE

RocLoc FSC will yield approximately 0.4 ft³ per 50 lb. bag. One pound of RocLoc FSC has the ability to fill a crack $\frac{3}{4}$ " X $\frac{3}{4}$ " X 30".

CURING

The pot life and cure time of RocLoc FSC varies with temperature. When the substrate, water, cement, and ambient air are at 70° F (21.1° C) RocLoc FSC will set in 3-5 minutes giving a pot life of approximately 2 minutes.

STORAGE

RocLoc FSC should be stored in a cool dry area. Shelf life of unopened container is one year from date of purchase.

TECHNICAL SERVICES

Additional technical services are available from GMX, Inc. barriers upon request.

PRECAUTIONS

- Dispose of waste materials in accordance with Federal, State, and local regulations
- Dust mask, safety goggles with side shields, and rubber gloves are recommended
- Contains Portland cement which is highly caustic
- Contains Free Silica, do not breath the dust as inhalation may cause delayed lung injury (silicosis) and is a carcinogen
- In case of eye contact flush with water. Wash skin with soap and water if contact occurs. Consult a physician if eye or skin irritation occurs.
- Use only with adequate ventilation
- Keep out of reach of children



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TECHNICAL DATA

Property	Test Method	Value
Set Time		3-5 Minutes
Compressive Strength 1 hr.	ASTM C 109	3200 psi
Compressive Strength 24 hrs.	ASTM C 109	5800 psi
Compressive Strength 7 day	ASTM C 109	6800 psi

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