



FX-III Jet Set

Hydrophilic Sealing and Grouting Compound

www.foxind.com

Fox Industries, Inc. • 3100 Falls Cliff Road • Baltimore, Maryland 21211

DESCRIPTION:

FX-III Jet Set is a one-component, hydrophilic sealing and grouting compound used to stop water leaks in wet environments. **FX-III Jet Set** reacts with water and cures rapidly into a tough, flexible, closed-cell compound. **FX-III** is insoluble to water and resistant to many other chemicals. **FX-III Jet Set** is a non-flammable liquid and does not contaminate potable water.

ADVANTAGES:

- FX-III Jet Set is a simple to use, one component material.
- FX-III Jet Set cures to a flexible, permanent seal with excellent bond to most construction materials.
- FX-III Jet Set is non red label, not a flammable or combustible liquid.
- FX-III Jet Set is applied in a moist and wet environment.
- FX-III Jet Set can be machine-pumped or hand-applied by caulking cartridge.

PHYSICAL PROPERTIES:

Uncured Material

Color	Amber
Viscosity ASTM D 4016	±450 cps

Expands on Reaction	7 times original volume
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Weight per gallon ASTM D 1638	9.4 pounds + .2 (4 kg./gal.)
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Flash Point ASTM D 93	>220°F (104.4°C)
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Corrosiveness	Non-corrosive
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Cured Material

Density ASTM D 164W	14 lbs./cu.ft (6.4 kg./cu.ft)
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Tensile Strength ASTM D 1564	85 psi (586 Kpa)
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Elongation ASTM D 1564	500% min.
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Shrinkage - Linear ASTM D 756G/D 1042	15 %
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Cure Time - Varies, dependent upon accelerator added, ambient temperature, and temperatures of grouting compound.

	Reaction	Set
Without accelerator @ 70°F	4 to 5 min.	6 to 8 min.
With accelerator @ 70°F	25 seconds	1 minute

HOW TO USE:

FX-III Jet Set is used in many ways to stop water leaks.

- FX-III Jet Set** is used to pressure inject in cracks or hairline cracks, the same way as low viscosity epoxy resins are used. Cracks should be wet, not dry. If cracks are dry, moisten with water.
- In expansion joints that are sealed with polysulphide, polyurethane, silicone, or any other sealant, the **FX-III Jet Set** is injected behind the sealant to produce a waterproof elastic joint.
- In concrete or steel liners, such as in tunnels or foundations, holes are drilled, one-way valves or packers installed, and **FX-III Jet Set** is pumped in. Once **FX-III Jet Set** makes contact with water, a chemical reaction takes place, and it sets within 3 to 5 minutes.
- In sewer line joints or any large size joints, to produce the most economical cost per linear foot, saturate any absorbent material such as rope, jute, or oakum, with **FX-III Jet Set**. Remove excess **FX-III Jet Set** and force into joint. Spray with water to activate. Repeat procedure until joint is filled.

SHELF LIFE:

Six (6) months

PACKAGING:

FX-III Jet Set is available in 1 quart, 1 gallon, 5 gallon pails and 55 gallon drums.

CAUTION:

Contains Toluene Diisocyanate prepolymer. Avoid breathing vapors. Keep container closed. Use only in well ventilated areas. Wear rubber gloves, safety glasses and protective clothing. Use NIOSH approved respirator in confined area. See MSDS for further safety precautions.

FIRST AID:

In case of contact with skin or eyes, wash with large amounts of water. If allergic reaction occurs discontinue exposure. Consult a physician.

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

PHONE 410-243-8856

TOLL FREE 888-760-0369

FAX 410-243-2701