

FIX 10-S

Ultra Fast-setting Cementitious Water Stop

CSI Div. 03

03 01 00 Maintenance of Concrete

LEED Points

MR Credit 5.1, Regional Materials.....Up to 2 Points
 IEQ Credit 4.2, Low-Emitting Materials Paints and Coatings... 1 Point
 Using this AQUAFIN product can help contribute to LEED certification of projects in the categories shown above.

Product Description:

FIX 10-S is an ultra fast setting, chloride free hydraulic cement which sets immediately when exposed to water.

Typical Applications:

Applied to concrete, masonry, stone, positive or negative water pressure side, to:

- Plug/stop active water leaks
- Dry out wet areas
- Seal leaky joints, cracks or formtie holes

Advantages:

- Stops water leaks in less than 30 seconds
- Easy application - no mixing needed in most cases
- Waterproof
- Durable
- No odor - no fumes

Substrate Preparation:

The substrate must be sound, clean, and free from any surface contamination. Remove any soft, deteriorated, unsound substrate, leaving an appropriate opening for the FIX 10-S. Rout out cracks to a U-shaped profile. Do not apply to substrates below 40°F (5°C).

Mixing:

Note: In most cases FIX 10-S can be applied as dry powder without mixing. Where mixing is desired carry out as follows:

- Mix with clean water to obtain desired consistency.
- Setting time is dependent on the amount of mixing water used and the temperature of the water.
- Warm temperatures accelerate the set, cold temperatures retard it.
- Mix only small quantities of material at a time.

Technical Properties:	
Physical state	Powder
Color	Gray
Bulk density	~75 lbs/ft ³ Bulk (1.22 kg/L)
pH - Value	11 - 13.5
Compressive Strength: ASTM C-109	1100 psi (8 MPa) at 1 hr 4000 psi (32 MPa) at 24 hr 10000 psi (70 MPa) at 7 d 10800 psi (75 MPa) at 28 d
Flexural Strength:	250 psi (1.8 MPa) at 1 hr 580 psi (4 MPa) at 24 hr 870 psi (6 MPa) at 1 d 940 psi (6.5 MPa) at 28 d
Physical Properties: The values stated are applicable with ambient temperatures of +23° C and 50% relative air humidity. Higher temperatures shorten the processing time, lower temperatures extend processing times.	
Storage/Shelf Life/Packaging	
Cool and dry, 12 months in original sealed packaging	13 lb pails (5.8 kg)
Approximate Yield: 1 lb. (0.45 kg) will fill a cavity of approx. 1" x 1" x 24" (25 mm x 25 mm x 600 mm).	

Application:

Read all instructions thoroughly prior to installation.

- **Dry Method:**
For most leaking areas, firmly press FIX 10-S powder against the active leak, and rub until the water stops. For large areas of moisture penetration, rub FIX 10-S powder into wet surface area.
- **Mixed Method:**
When desired, mix an appropriate amount of material as described above. Place FIX 10-S firmly into the crack or hole using gloved hand or a brick jointer. Hold firmly in place until material has set, approx. 10 - 30 seconds. Strike off flush with surface.

Clean-up

Promptly wash hands and tools with water before material hardens. Cured material must be removed mechanically.

Note:

Installer is responsible for proper product application. Site visits by Aquafin personnel or representatives are solely for the purpose of making technical recommendations, not for providing supervision or quality control.

FIX 10-S

Safety:

Refer to SDS. This product contains portland cement and sand (crystalline silica) and is highly alkaline (irritant) in contact with water. Avoid breathing dust. May cause delayed lung injury (silicosis). Use rubber gloves and goggles during mixing and application. Protect skin and eyes. After contact with skin, wash with plenty of water. In case of eye contact, rinse immediately with plenty of cool water and seek medical advice.

KEEP OUT OF REACH OF CHILDREN.

LIMITED WARRANTY: AQUAFIN, INC. warrants this product for a period of one year from the date of installation to be manufactured free of defects and to be consistent with its technical properties as stated in our current Technical Data Sheet. This product must be used as directed and within its stated shelf life. AQUAFIN INC. will replace or at our discretion refund the purchase price of any product, excluding cost of labor, which is proven to be defective. Our product recommendations are based on industry standards and testing procedures. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. We assume no warranties written, expressed or implied as to any specific methods of application or use of the product. AQUAFIN INC. MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. AQUAFIN, INC. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

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