

STOP IT

Hydraulic Water Stop Cement

MANUFACTURER:

Empire Blended Products, Inc.
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PRODUCT DESCRIPTION:

STOP IT is a single component, polymer modified, quick setting (3-5 minutes) hydraulic cement which instantly stops running water or seepage through concrete and masonry. The polymer modification in *STOP IT* ensures superior adhesion and results in exceptional structural strength.

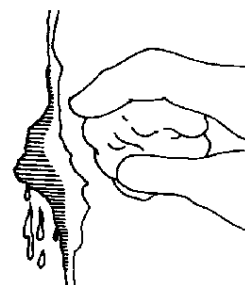
USES:

- ▶ Active leaks in walls and floors
- ▶ Fill and seal spaces around pipes and conduits penetrating walls and floors
- ▶ Anchor bolts and metal posts where water is present
- ▶ Fast repair of culverts, catch basins, sewers and septic tanks
- ▶ Basement walls and floors, swimming pools and retaining walls
- ▶ Wells, mines, tunnels, tanks, concrete pipes, elevator shafts and other structures

ADVANTAGES:

- ▶ Initial set in 3-5 minutes
- ▶ Can be used indoors or outdoors
- ▶ Can be used above or below grade
- ▶ Can be used where active water is present
- ▶ Non-toxic, safe to use in contact with drinking water
- ▶ Long lasting for permanent repairs
- ▶ Excellent adhesion and exceptional structural strength
- ▶ Sets up under water

WATERPROOFING PATCHING



- ▶ Chloride free, metallic free, sulfate resistant

INSTALLATION:

Surface Preparation:

Surfaces must be structurally sound, clean and free of dust, dirt, oils, paints and other contaminants that will prevent proper bond. All acid-based cleaning solutions must be neutralized. Enlarge crack to be filled to $\frac{3}{4}$ " and cut square or undercut, avoiding V-shape cuts. Brush out all loose material. For large patches and holes and blistered areas, cut back area to be patched to a depth of 1". Be certain to remove all tie wires, steel and wood separators. These areas are best repaired with EMPIRE BLENDED PATCH ALL when no active water is present. Dampen area to be patched.

Mixing:

Mix *STOP IT* with clean water to the consistency of putty. Do not mix more than can be placed in 3 minutes. Do not retemper or handle excessively.

Placement:

When material begins to get firm and warm, place *STOP IT* immediately. To stop flowing water, start at the top of the leak and work down. Push into crack firmly and maintain pressure on the plug with hand (gloves are recommended), trowel or block of wood until it has set firmly. Do not brush or trowel wet surface as crack will not seal. Keep plug damp for 15 minutes. If the

water pressure is severe, drill 1 or more weep holes below opening to relieve pressure. Plug weep holes with *STOP IT* after main leak has been stopped. Cured *STOP IT* can be top coated with EMPIRE BLENDED SEAL MASONRY COATING modified with EMPIRE BLENDE EM-CRYL 600 to blend with adjoining areas.

Curing:

Keep plug damp for 15 minutes. No other special curing is required.

Coverage:

1 pound of *STOP IT* yields 17 cubic inches and will seal a crack $\frac{3}{4}$ " deep by $\frac{3}{4}$ " wide by 30" long.

Packaging:

Available in 10 pound plastic pails (4 per carton) and 50 pound plastic pails.

Color:

Light Gray

TECHNICAL DATA:

Compressive Strength (ASTM C-109)

1 day	2600 psi
7 day	3950 psi
15 day water soak	4120 psi
28 day	4400 psi

Flexural Strength (ASTM C- 348)

1 day	265 psi
7 day	770 psi
15 day water soak	940 psi
28 day	1180 psi

Tensile Strength (ASTM C-190)

1 day	175 psi
7 day	535 psi
15 day water soak	575 psi
28 day	780 psi

Gardner Impact.....Greater than 158 inch lbs.

Water Penetration (3 days soak). 1/8"

LIMITATIONS:

STOP IT is temperature sensitive regarding set time. Above 70°F, use cold water for mixing. In extremely hot temperatures, use ice water for mixing. Below 40°F, use hot water for mixing. Do not apply to frozen or frost covered surfaces.

CAUTION:

Contains Portland Cement CAS # 65997-15-1. Freshly mixed cement products may cause skin injury. Avoid contact with skin where possible and wash exposed areas promptly with water. The use of impervious rubber gloves is recommended. May generate enough heat to cause burns if large mass is kept in contact with skin while hardening. If any product gets into the eye, rinse immediately and repeatedly with water. If ingested, **do not** induce vomiting and get prompt medical attention. Also contains Sand CAS # 14808-60-7. Avoid breathing dust. Prolonged exposure to dust may cause delayed lung injury (silicosis) or cancer IARC Class 2A. Wear NIOSH approved mask for silica dust. **Keep Out Of Reach Of Children.**

WARRANTY:

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either Empire Blended Products or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.