

HYDRAULIC CEMENT

PRODUCT NO. 1126

WATER-STOP

DIVISION 7

Cementitious Damp-
Proofing 07 11 16

PRODUCT DESCRIPTION

QUIKRETE® Hydraulic Water-Stop Cement is a rapid setting, high strength repair material designed to plug leaks instantly in concrete and masonry.

PRODUCT USE

QUIKRETE® Hydraulic Water-Stop Cement will block running water when application is made to masonry or concrete surfaces. This special formulation allows the product to obtain high strength and rapid setting while repelling water.

QUIKRETE® Hydraulic Water-Stop Cement solves leakage problems wherever active water is present, in all masonry and concrete above and below grade.

Use QUIKRETE® Hydraulic Water-Stop Cement for sealing around concrete pipes and for plugging leaks in:

- Foundation and retaining walls
- Chimneys
- Swimming pools, fountains and cisterns

SIZES

- QUIKRETE® Hydraulic Water-Stop Cement -
 - 10 lb (4.5 kg) pails
 - 20 lb (9.1 kg) pails
 - 50 lb (22.7 kg) pails

YIELD

- Each 50 lb (22.7 kg) pail of QUIKRETE® Hydraulic Water-Stop Cement will yield 0.42 cu ft (12 L).

TECHNICAL DATA

APPLICABLE STANDARDS

ASTM International

- ASTM C109/C109M Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)
- ASTM C191 Standard Test Method for Time of Setting of Hydraulic Cement by Vicat Needle

PHYSICAL/CHEMICAL PROPERTIES

QUIKRETE® Hydraulic Water-Stop Cement provides typical physical properties as shown in Table 1, when tested in accordance with ASTM C191 and ASTM C109.



Table 1

Curing time	Compressive strength
2 hours	1000 psi (6.9 MPa)
24 hours	2500 psi (17.3 MPa)
7 days	4500 psi (31.1 MPa)
28 days	5500 psi (38.0 MPa)
Final set time	Less than 5 min

INSTALLATION

SURFACE PREPARATION

All patch areas should be free of loose material, dirt, dust, algae and mildew. Preparation should include enlarging small cracks and holes and avoiding V-shape cuts.

METHODS

Starting at the top and working down, apply Water-Stop Cement while maintaining light pressure on the patch. Maintain pressure until initial set begins and the leaking is stopped.

MIXING

Blend 4 - 4 1/2 parts Water-Stop Cement to 1 part water, by weight. Ingredients should be mixed to form a heavy putty consistency. Do not mix more material than can be used in 2 - 3 minutes. In most cases, limit batch size to 4 - 6 oz (113 - 170 g) of powder. Using 4 1/2 oz (128 g) of powder and 1 oz (28 g) of water will provide a golf ball size mix, which is appropriate for most applications.

CURING

No curing membranes or compounds are required.

PRECAUTIONS

- Mix no more than can be used in 3 minutes
- Hot temperatures will reduce the setting time. At colder temperatures, below 50 degrees F (10 degrees C), use warm water.

WARRANTY

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of

its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

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