



HYDRAULIC CEMENT

Fast-Setting, Non-Shrink Cement

1. Product Description

a. Basic Use: Sealwall Hydraulic Cement is a fast-setting cement compound that stops pressure water leaks in concrete and other masonry structures at once. This special cement is made in two grades: Fast-Set and Regular. Fast-Set will harden in just three minutes and Regular-Set will set in three to five minutes. Both grades have broad applications for professional use.

b. Features & Benefits:

- Dry powder form makes it easy to handle, mix, and store.
- Easy to apply.
- Mixing and application does not require special tools.
- Expands as it sets, locking into place.
- Can be applied underwater.

c. Typical Application: Use Sealwall Hydraulic Cement to stop running water or seepage through cracks or holes in manholes, cisterns, elevator pits, mines, cofferdams, filtration tanks. Sealwall Hydraulic Cement will seal faults in concrete, floor to wall joints, and around pipe through masonry. It will anchor bolts, machinery, fixtures, and railings.

d. Color/Appearance: Sealwall Hydraulic Cement is a gray cementitious compound.

2. Packaging

Sealwall Hydraulic Cement is packaged in a 10-lb. can, 4/10-lb. case, 3-lb. tub, 12/3-lb. case, 25-lb. pail, and 50-lb. pail.

3. Yield

- 1-lb. of Sealwall Hydraulic Cement will fill a crack 1" x 1" x 20"
- 10-lbs. of Sealwall Hydraulic Cement will fill a crack 1" x 1" x 16'

4. Directions for Use

a. Surface Preparation: In order to provide the best possible bond for Sealwall Hydraulic Cement, the crack or hole to be plugged should first be cleaned of loose dirt or material. If possible, the hole or crack should be chiseled out so that it is slightly wider at the base than at the top, thus providing a firmer grip for the Sealwall Hydraulic Cement.

b. Mixing: Do not mix more than two or three pounds at a time, as it will harden too rapidly to use. Normally, 3 parts of the powder cement to 1 part of clean water will produce a workable mixture. Mix rapidly with a paddle until it becomes smooth like thick putty. Do not over-mix or stir too long as it hardens very quickly. Best results are obtained by using water not over 72°F. Warm water will hasten the set and cold water will retard it. Where it is desired to mix larger quantities at one time (on surfaces where active moisture penetration is not present during repair operations) this may be accomplished by adding up to 50% of clean sharp mason's sand to the mix. The resulting mixture, with its considerably retarded set, may be then trowelled or tooled into cracks or holes without the need for the rapid handling normally required. This procedure is particularly useful and effective when preparing a cove at floor and wall joints, or when filling a series of holes or cracks at one time.

c. Placing: After mixing, wait a minute or two until a portion of the mixture held in the hand feels warm and starts to stiffen slightly. Then, as rapidly as possible, press the mixture firmly into the hole or crack, forcing it against the sides of holding it in place for two or three minutes or until the material has hardened completely. This is especially important for under water repairs.

d. Seepage: To control seepage, simply mix Sealwall Hydraulic Cement to a heavy paste consistency and immediately brush it over the seeping areas with a scrub or paint brush. For best results, use Sealwall Concentrated Cement Paint.

5. Availability

Sealwall Hydraulic Cement is normally available immediately from your local distributor or it will be shipped within 4 working days upon receipt of order. Please contact your local Sealwall representative or call Sealwall Products directly for more information.

6. Warranty

Sealwall Hydraulic Cement is manufactured in strict accordance with the quality control standards of Sealwall Products. It is guaranteed to perform as indicated on this data sheet when applied by competent applicators.