

# POR-ROK® AQUA PLUG

Rapid Setting Cement Based Hydraulic Cement

## DESCRIPTION

POR-ROK® AQUA PLUG is quick sets in 3-5 minutes to stop pressure leaks in concrete and masonry surfaces. This rapid set allows POR-ROK® AQUA PLUG to bond mechanically and chemically to saturated surfaces.

- Stops Streaming Leaks in Concrete
- Anchors Bolts and Rods
- Seals Cracks and Floor and Wall Junctions

## FEATURES/BENEFITS

- Non-Metallic, Non Rusting
- Fast Setting
- Stops water leaks under pressure
- Easy to mix
- Single component
- Expands as it sets
- Waterproof
- Chloride and metal free mortar
- Can be shaved and molded to desired contour
- Once set, AQUA PLUG is resistant to hydrostatic pressure

## APPLICATION

**Surface Preparation:** Slightly undercut the hole to be plugged and enlarge small cracks to permit embedment of material. Recommended minimum size of hole or crack is 0.75 in. wide and deep. Remove all loose dirt or aggregate. Surfaces should be SSD (Saturated Surface Dry) prior to placement.

### MIXING AND APPLICATION:

Mix POR-ROK® AQUA PLUG with clean potable water. Add just enough to make a putty consistency. Water ratio is 3 parts powder to 1 part water. POR-ROK® AQUA PLUG is to be mixed in small quantities only due to rapid set time.

Apply POR-ROK® AQUA PLUG with trowel or by hand to seeping area starting at top of crack. Hold firmly in place exerting pressure with hand or trowel for about 3 minutes to be sure POR-ROK® AQUA PLUG does not wash out under water pressure. If small leaks should appear around the patched area, sprinkle POR-ROK® AQUA PLUG in a dry form onto the leaking area, or mix a small batch of POR-ROK® AQUA PLUG to a soft putty consistency and hold firmly over area till set.

**STOP STREAMING WATER:** Begin at top of crack and place POR-ROK® AQUA PLUG in firmly using some force to place into opening. Continue to apply pressure with trowel or by hand until material sets and active water has stopped.

**SEALING CRACKS, FLOOR /WALL JUNCTIONS:** Firmly push POR-ROK® AQUA PLUG into crack or hole to form

## APPLICATION CONT.

a cove at the floor and wall junction.

**ANCHORING BOLTS OR RODS:** Drill or chisel a hole deep enough to hold bolt or rod securely and at least ½” space on all sides of bolt or rod. Position the bolt in the hole, use a small pointed trowel and fill in POR-ROK® AQUA PLUG completely around bolt. Smooth off surface with trowel while supporting bolt with hand for about one minute until it does not sag.

1. It is the responsibility of the contractor to review the complete technical datasheets of CGM INC. products referenced above as more detailed information may be required. The information provided above acts only as a general guideline and may vary based on jobsite conditions.
2. Apply POR-ROK® AQUA PLUG immediately after mixing.
3. Do not mix more than can be placed within 2 minutes.
4. Not for use in moving cracks.
5. Not for use as a surface applied material or coating.
6. Wet substrate prior to placement keeping the material wet for a minimum of 15 minutes.

## TYPICAL TEST DATA

Compressive Strength (ASTM C109)	
4 hours	2000 psi
1 day	4000 psi
28 days	5500 psi
Yield/Density	
Yield per bag	50 lb. Unit Yields: 0.50 ft. <sup>3</sup>



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## SPECIFICATION/COMPLIANCE

- ASTM C-1107, standard specification for packaged dry, hydraulic cement grout (non-shrink)
- CRD-C 621-89, specification for non-shrink grout
- CRD – C 614, method of test for time of setting of grout mixtures
- ASTM C-109, standard test for compressive strength of hydraulic cement mortars
- ASTM C-266, (CRD-C 222), standard test for time of setting of hydraulic cement by Gillmore Needle
- ASTM C-232 (CRD-C 79), standard method of test for bleeding of concrete
- ASTM C-827-82, standard test method for early volume change of cementitious mixtures
- ASTM C-942, test method for compressive strength of grouts for replaced aggregate concrete

## PACKAGING

50 lb bag

## SHELF LIFE

12 Months

## WARRANTY

### NOTICE-READ CAREFULLY CONDITIONS OF SALE

SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

### WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

### INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.



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