

SPECCRETE® SPECCOPLUG

1 MINUTE SET HYDRAULIC CEMENT

PRODUCT DESCRIPTION: Speccrete® Speccoplug is a quick setting hydraulic cement compound used to instantly stop running water or seepage leaks in concrete and masonry. Speccrete® Speccoplug is non-shrinking, non-metallic and requires only potable water for mixing. Speccrete® Speccoplug is used above or below grade, interior or exterior to stop leaks and seepage in concrete and masonry walls and floors. The fast initial 1 minute set, high strength and controlled expansion make Speccrete® Speccoplug the ideal material for use in swimming pools, cisterns, reservoirs, water tanks, manholes, concrete pipe and foundations.

BENEFITS: VERY RAPID SETTING...CONTROLLED EXPANSION...NON-SHRINK...HIGH STRENGTH...MAY BE USED EFFECTIVELY IN COLD WEATHER

COMPOSITION: Hydraulic cements and selected aggregates

TECHNICAL DATA:

WORKING & PERFORMANCE PROPERTIES @ 70° F (21° C) (APPROXIMATE):	
Initial Set per CRD-C 621:	25-30 seconds
Final Set per CRD C-621:	1 minute
Yield per 3 lb. can:	46 cubic inches / 0.026 cubic feet
Yield per 10 lb. Pail:	154 cubic inches / 0.077 cubic feet
Yield per 50 lb. Pail:	770 cubic inches / 0.445 cubic feet

Compressive Strength per ASTM C-109:	Results:
3 hours:	2550 p.s.i. (31.3 Mpa)
1 day:	4170 p.s.i. (51.2 Mpa)
7 days:	7380 p.s.i. (90.7 Mpa)
28 days:	8330 p.s.i. (102.4 Mpa)

***All tests above run at 20.8% water / powder ratio = 10.4 lbs. water / 50.0 lbs Speccrete® Speccoplug**

DIRECTIONS FOR USE: Undercut the concrete or masonry surrounding the hole or crack to be repaired to a minimum depth and width of 3/4". Remove all loose particles, dirt and other foreign materials from the area to be patched. Pre-wet the substrate with potable water prior to installing Speccrete® Speccoplug.

Mix Speccrete® Speccoplug in a clean container using approximately five parts powder to one part water by weight (each 5# of Speccrete® Speccoplug will require approximately 1 pint of water). Mix thoroughly for 5 seconds and then apply within 20 seconds. Hold Speccrete® Speccoplug in place by hand for one minute. Mix only small amounts that can be used within one minute. Do not re-temper mix. Hot water will accelerate the set time.

CAUTIONS: Do not re-temper. Adding additional water over what is recommended will delay set times and reduce overall strength gain. Do not apply to frozen or frost filled surfaces. If slower set material is desired, use Speccrete® W-10 Waterstopper cement.

WARNINGS: Contains cement and silica, avoid inhalation of dust. Wear gloves, safety goggles, and OSHA approved dust respirator during mixing and placement. Refer to product M.S.D.S. (Material Safety Data Sheet) for additional safety information. Do not take internally. Avoid prolonged contact with skin. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

NPCS HMIS SAFETY RATINGS: HEALTH = 2, FLAMMABILITY = 0, REACTIVITY = 0, P. PROTECTION = E

PACKAGING: 3# (1.36 kg), 10# (4.54 kg), and 50# (22.70 kg) containers.

STORAGE: 40° to 90° F

SHELF LIFE: 1 year properly stored

FREIGHT CLASS: ITEM 42130, SUB 0, LTL 50

LIMITED WARRANTY: This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be 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 the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.

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