



# SPECCRETE® W-10 WATER STOPPER CEMENT 3 TO 5 MINUTE SET HYDRAULIC REPAIR MORTAR

**PRODUCT DESCRIPTION:** *Speccrete® W-10 Water Stopper Cement* is a fast setting hydraulic cement formulated to stop active water leaks, seepage, and to withstand hydrostatic pressure and continual exposure to water in concrete and masonry. W-10 is non-shrinking, non-metallic and requires only potable water for mixing. *Speccrete® W-10* is used above or below grade, interior or exterior to stop leaks and seepage in concrete and masonry walls and floors. Typical applications for W-10 include manholes, concrete pipe, basements, foundations, dams, cisterns, water reservoirs, elevator pits and swimming pools.

## BENEFITS:

- Stops running water or seepage leaks
- Sets quickly for emergency repairs
- Controlled expansion
- Non-shrink
- Moderate heat generation
- Delayed 3 to 5 minute set for extended work time
- Economical foundation repair option

**LEED CREDIT CONSIDERATIONS:** Materials and Resources: **MR Credits 5.2:** Regional materials- Greater than 20% extracted, processed & manufactured regionally at production location: Lemont, Il. 60439. 90% Content- Harvested within 500 miles.

**COMPOSITION:** Hydraulic cements and selected aggregates

## TECHNICAL DATA:

WORKING & PERFORMANCE PROPERTIES @ 70° F (21° C) (APPROXIMATE):	
Initial Set per CRDC-621:	1 minute
Final Set per CRD C-621:	3-5 minutes
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:	350 p.s.i. (4.3 Mpa)
1 day:	1100 p.s.i. (13.5 Mpa)
7 days:	3100 p.s.i. (38.1 Mpa)
28 days:	4200 p.s.i. (51.6 Mpa)

\*All tests above run at 16% water / powder ratio = 8.00 lbs. water (3.84 quarts) / 50.0 lbs Speccrete® W-10

## DIRECTIONS FOR USE:

**SURFACE PREPARATION:** 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® W-10*.

**MIXING:** Mix *Speccrete® W-10* in a clean container using only enough water to obtain a stiff mix. The amount of water recommended is approximately four parts powder to one part water by weight to obtain a stiff, putty like consistency with no noticeable slump. Each 10 lb of *Speccrete® W-10* will require approximately 1.5 pint of water.

**MIXING (continued)** Mix thoroughly and quickly. For patching active leaks, once *Speccrete® W-10* has started to set (approximately one minute) immediately force the mixed material into the void and hold the plug in place using continuous hand or trowel pressure for approximately five minutes or until final set is achieved.



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**CAUTIONS:** Do not mix more than 30 seconds. Do not re-temper the mix (add extra water after initial set is achieved). Adding additional water over what is recommended will delay set times and reduce overall strength formation. Do not apply to frozen or frost filled surfaces. Hot water will help accelerate the set time in colder application environments. If faster set is desired, or higher early compressive strengths are required for injection work in crack repairs, the use of **Speccrete® Speccoplug** (1 minute set) is recommended.

**GHS HAZARD RATINGS: DANGER:**



**Irritant-Respiratory Tract Irritation.**



**Health Hazard: Known carcinogen**



**Health Hazard: Corrosive Material**

**WARNINGS: HEALTH HAZARD & IRRITANT:** This product contains both Portland cement & crystalline silica (a known carcinogen). It is established that prolonged breathing of crystalline silica dust over time will increase the risk of serious lung disease (Silicosis). Refer to product S.D.S. (SAFETY DATA SHEET) for FIRST AID INFORMATION, or any related health and safety information before using this product. For medical emergencies only, call INFOTRAC @ 800-535-5053.

**FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.** Avoid Inhalation of these dusts and any prolonged, direct contact with skin. Wear chemical resistant gloves, safety goggles, and O.S.H.A. /N.I.O.S.H. approved respirator during mixing and placement. Keep away from food and drink. Wash hands thoroughly after use and before eating. Do not take internally.

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

**PACKAGING:** 10 lb (4.5 kg) pails (4/ case), , 50 lb. (22.70 kg) pails @ 36 / pallet

**STORAGE:** 40°F to 90°F in a dry, climate protected warehouse.

**SHELF LIFE:** 1 year properly stored

**FREIGHT CLASS:** Item #42130, Sub 0, Freight Class 50 -Cement based patching material in bags

**WARRANTY:** Specco Industries Inc (Specco) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Specco, no other representations or statements made by Specco or its representatives, in writing or orally, shall alter this warranty. **SPECCO MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME.** If any Specco product fails to conform with this warranty, Specco will replace the product at no cost to Buyer. **Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.** Specco does not authorize anyone on its behalf to make any written or oral statements which in any way alter Specco's installation information or instructions in its product literature or on its packaging labels. **Specco explicitly excludes any written or oral statements or implied warranty on the performance of an applied/installed product manufactured or sold by or through Specco. Specco has no control over Specco application standards adherence, site conditions, atmospheric variations, installer/applicator skill level or the determination of the suitability of any Specco products for a specific intended purpose. Buyer shall be solely responsible for determining the suitability of Specco's products for the Buyer's intended purposes.** Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. **Revised: 07-25-19**



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