

WATERSTOP™ CP



High-Performance, Waterproof, Masonry Coating



DESCRIPTION

WATERSTOP™ CP is a polymer modified Waterproof masonry coating containing portland

cement sized aggregates.

WATERSTOP™ CP is applied in one coat by trowel, dry process shotcrete, or multi-brush application to block, brick, concrete or stone. It will waterproof from the interior wall even under instances of hydrostatic pressure, as well as waterproof from the exterior side of the wall.

USES

- Over any concrete surface, including precast, block, stucco and masonry
- Over brick or porous stone surfaces
- Interior or exterior
- Above or below grade
- Vertical or horizontal surfaces
- Base for moisture sensitive coatings

PRODUCT ADVANTAGES

- Saves time and costly excavation of below grade walls.
- Bonds quickly and permanently
- Self-curing
- High freeze-thaw resistance
- High durability and impact resistance
- Eliminates water and dampness in basements
- Withstands hydrostatic pressure on either the negative or positive side of a structure
- Cleans easily with soap and water
- Fill and levels minor imperfections
- Long lasting, will not shrink or peel

YIELD/COVERAGE

Approx. 42 sq. ft. when troweled at a 1/8" thickness and 85 sq. ft. when brushed at 1/16" thickness. Product can be manipulated to brush on at approximately 225 sq. ft. per unit on the first coat and approximately 450 sq. ft. on the finish coat.

PACKAGING

50 lb. pail

COLOR

Gray

Typical Data for Waterstop™ CP (Product and curing conditions at 73°F and 50%	
Storage Conditions	Store in dry conditions at 40°F to 95°F. Condition product material b/w 63°F - 76°F before using.
Shelf Life	One year in original, unopened packaging.
Color	Gray
Mixing Ratio	Mix with clean potable water at a rate 7-8 quarts per 50 lb. of aggregate. Always add powder to water. Do not overwater.
Rapid Chloride Permeability (ASTM C 1202)	650 coulombs
Water Permeability (CRD-C 1202)	6.13 x 10-13 cm/sec.
Compressive Strength (ASTM C 109)	4 hours: 3,945 psi days: 5,100 psi days: 5,665 psi 7 days: 7,100 psi 28 days: 9,125 psi
Tensile Strength (ASTM C 496)	28 days: 530 psi
Bond Strength (ASTM C 882)	28 days: 2,510 psi

SUBSTRATE

Concrete, mortar, and masonry products.

SURFACE PREPARATION

All dirt, oil, dust, foreign contaminants, peeling coating and laitance must be removed from surface prior to coating to assure a trouble free bond. Previously coated floors exhibiting a strong bond to surface can be coated over by sanding down the existing coating. Refer to Garon's Master Surface Preparation & Moisture Guideline for complete details.

MIXING AREA

Select a suitable mix area and protect the floor surface from accidental resin spillage with a layer of cardboard and/or plastic sheet. Provide enough space for free unimpeded movement for mixing activity. The more comfortable your surroundings in the mix area, the less likely your mixers are to have an error. Have all necessary tools ready: slow speed drills, mix and measure containers, etc. Do Not Start Mixing Materials Until Ready for Immediate Use. Once materials are

thoroughly mixed, it must be used immediately. Prior to mixing apply masking tape wherever coating is intended to stop. Keyed edges must be installed at edge termination points to protect the material from chipping damage and to obtain a clean, straight edge. Cracks under 1/16", loose or spalled mortar joints, marks from forms or spalled areas should be patched with Treflite™ and allow to cure prior to coating. If active water leaks or general seepage exist, they should be treated with Garon Plug™. Soak surfaces thoroughly clean potable water, leaving surface damp but free of standing, excess

water. Surface should be between 45°F and 90°F at the time of application.

MIXING

Storage of materials prior to mixing to be between 40°F and 90°F. Waterstop™ CP should be mixed with a drill mixer mounted on a low speed drill (400-600 RPM). Pre-mix water and Garon Waterproofing Liquid (1/2 gal. jug in pail) before adding dry material (powder). Add the dry material to the blended

water and Garon Waterproofing Liquid using all the Garon Waterproofing Liquid™. Never exceed 8 quarts of total liquids (water and Garon Waterproofing Liquid™) when mixing. Exceeding this amount will cause segregation. In a clean mixing vessel, add the dry material to the liquid while blending with drill mixer. Mix to a smooth batter like slurry, ensuring a lump free, evenly dispersed mix. Allow to stand for 5 minutes, then remix. Additional water can be added at this time to achieve desired consistency. Do not mix more material than can be applied in 20 minutes. Do not re-temper by adding additional water after the final mixing stage.

APPLICATION

Trowel or Shotcrete Application: Apply in one coat or shotcrete to at least 1/8 inch thick, completely filling all holes, pores and voids.

Brush Application: Apply a minimum of two thick brush coats, using a natural bristle masonry brush and irregular strokes, working the material into the pores. Total application thickness should be a minimum of 1/16 inch (1.6 mm) with no pinholes or voids. Allow Waterstop™ CP to completely cure for 4-8 hours and apply the second coat. On block or brick walls, allow 5 - 7 days between coats to eliminate joints showing through. Finish second coat with smooth vertical strokes to facilitate easy cleaning.

CURING

Waterstop™ CP is self-curing under normal conditions. In conditions of high heat, dry or windy conditions, a light mist of water may be applied after initial set and only on the day of application. Mixes without the Garon Waterproofing Liquid™ component must be lightly misted every 2-4 hours after initial set on the day of application.

CHEMICAL RESISTANCE

This product is resistant to most common chemicals. Please refer to Garon's Chemical Resistance Chart for actual resistance to specific chemicals/reagents.

SLIP & FALL HAZZARDS

Ensure cured coating surface remains dry in pedestrian, equipment and vehicular areas to avoid slips and falls of people, equipment and vehicles. Use caution when coating is

wet or when oil, hydraulic fluids, grease or other chemicals, fluids or agents that may produce a slick surface are present. Increase slip resistance by broadcasting an appropriate size aggregate into the wet coating during application in all areas where enhanced coating traction may be necessary. Be aware of the full cure time. Do not open the area to normal service, harsh industrial chemical or abusive use before the coating is fully cured.

CLEAN UP

Contain spills. Ventilate area. Use absorbent materials to collect. Dispose of according to local, state, federal regulations.

Mixed components: Uncured material can be removed with water. Cured material can only be removed mechanically.

FIRST AID

If ingested do not induce vomiting and get prompt medical attention. If any product gets into the eye, rinse immediately and repeatedly with water.

In case of skin contact, wash thoroughly with soap and water. For respiratory problems remove person to fresh air.

LIMITATIONS

Do not apply to frozen surfaces or if temperature will fall below 40°F within 24 hours. Waterstop™ CP will not correct or compensate for a structurally defective substrate. Not for use over moving cracks. Never exceed the maximum water content as stated in the mixing instructions.

Contains portland cement CAS #65997- 15-1. Freshly mixed cement products may cause skin and eye injury or irritation. Avoid contact. Dust may cause respiratory tract irritation. Avoid breathing dust. Use only adequate ventilation. May cause delayed lung injury (silicosis) or cancer IARC Class 2A. Wear NIOSH approved mask for silica dust.

The user is responsible for proper application.

DISCLAIMER

The information and recommendations set forth in this document are based upon tests conducted by or on behalf of Garon Products, Inc. Such recommendations and information set forth herein are subject to change and pertain to the product(s) offered at the time of publication. Published technical data and instructions are subject to change without notice. Consult www.garonproducts.com or call 800-631- 5380 to obtain the most recent

Product Data, MSDS and Application instructions. This is not a controlled document.

CAUTION

Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed.

Keep container tightly closed.

Not for internal consumption--consult SDS for additional information. This product is for professional use only.

KEEP OUT OF REACH OF CHILDREN

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