



WATER STOPPER WB PLUS

SILANE/SILOXANE BASED WATER REPELLENT FOR CONCRETE AND MASONRY

PRODUCT DESCRIPTION: *Specco Water Stopper WB PLUS* is a water based, ready to use, penetrating, colorless, breathable, high beading silane & siloxane-based emulsion concrete or masonry water repellent compound. *Water Stopper WB PLUS* chemically reacts with the substrate and forms long-life water repellent groups that crosslink into a polysiloxane compound which exhibits outstanding water repellency and beading. Treated surfaces are protected against the damaging effects of water intrusion, de-icing chemicals, freeze-thaw exposure, acid rain, airborne impurities and most other atmospheric chemicals without altering the appearance or texture of the substrate.

Water Stopper WB PLUS is formulated to protect vertical above grade concrete and masonry surfaces such as precast, tilt up and monolithic concrete, concrete block, natural or cast stone and brick masonry, as well as protecting horizontal concrete wearing surfaces. It can be used for both interior and exterior applications.

BENEFITS:

- Water-base formula for odorless applications
- V.O.C. compliant
- Provides outstanding water beading and repellency
- Rapid development of water repellency
- Insignificant color change to substrate

COMPOSITION: Oligomeric alkylalkoxy siloxane micro-emulsion in water

LEED CREDIT CONSIDERATIONS: MR Credits 5.2: Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, Il. 60901. 90% Content- Harvested within 500 miles.

PHYSICAL PROPERTIES at 70° F (21°C):	APPROXIMATE VALUES:
Weight per Gallon:	8.25 +/- 0.10 lb./ gallon
Color/odor:	Stable, milky emulsion with no noticeable odor
Percent solids (total actives) by weight:	7.47% +/- 0.25
Emulsifier type:	Cationic
V.O.C. Content (% Volatiles) per EPA method:	45 g/L (0.37 lbs. /gal.)*

*Contains less than 100 g/L (2.08 lbs. /gal.) volatile organic compounds. Meets existing VOC (VOM) regulations for Waterproofing Sealers under the EPA’s National AIM (Architectural and Industrial Maintenance) listings for all states including OTC, LADCO, CARB, and SCAQMD.

TECHNICAL DATA:

NCHRP 244 SERIES II	Control Requirement:	Treated with Water Stopper HB:
% Chloride Ion Intrusion:	75%	86%

FEDERAL SPECIFICATION SS-W-110C	Control Requirement:	Treated with Water Stopper HB:
% Water Absorption Reduction	75%	89%

DIRECTIONS FOR USE: Surfaces to be treated must be structural sound, dry, clean and free of all contaminants that will prevent the penetration of the *Water Stopper WB PLUS*. Repair all cracks, voids or surface defects and install caulking or joint sealant prior to applying. *Water Stopper WB PLUS* should be mixed or stirred prior to application to ensure proper distribution of the active ingredients.

APPLICATION: The recommended method of application is by using low pressure airless spray equipment. For small areas, a garden sprayer with neoprene hose and gaskets may be used. Sprayer tip should be no smaller than .035. Depending upon the spray equipment, a larger orifice size may be necessary to produce the proper material flow. For vertical applications, start at the top of the wall and work downward using uniform, overlapping horizontal strokes.



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APPLICATION (continued): For vertical applications, fog the surface with a light spray to break the surface tension. Immediately follow with a flood coat before the mist coat dries. Apply sufficient material to cause an 8 to 10 inch run down from the point of contact. To prevent curtaining on white or light colored substrates, apply in several fog coats to the point of saturation with no run down. Apply two coats of to substrates having low density or high permeability such as concrete block. Two “wet on wet” coats are needed to ensure complete coverage for these surfaces. For horizontal surfaces, apply in a continuous heavy flood coat to the point of saturation. Do not allow material to puddle.

COVERAGE: The following coverage rates are approximate and for estimating purposes only. *Specco highly recommends that a test application is made on the actual surface to be treated to accurately determine coverage rates, effectiveness and influence on surface appearance.*

Concrete	100-150 ft2/ gallon	Natural Stone-Porous	60-100 ft2/ gallon
Clay Brick-Porous	60-120 ft2/ gallon	Natural Stone-Dense	50-80 ft2/ gallon
Clay Brick-Dense	100-120 ft2/ gallon	Precast Paver Block	150-200 ft2/ gallon
Block	80-100 ft2/ gallon	Stucco	75-100 ft2/ gallon
Cast Stone	75-125 ft2/ gallon	Artificial Stone	50-100 ft2/ gallon

CAUTIONS: Stir **Water Stopper WB PLUS** before using. **Allow a 24 hour dry time to cleaned substrates before applying to prevent mottling or uneven absorption. DO NOT DILUTE OR THIN.** Not recommended for less absorbent (dense) natural stone surfaces such as limestone or marble, contact Specco for product options for these substrates. Not recommended for Bluestone applications, the use of our **Water Stopper S-20** is recommended for this highly porous substrate Full product curing will require 7-10 days to generate optimum water repellency. Treatment of substrate with **Water Stopper WB PLUS** will not substantially affect the water vapor permeability of the treated surfaces. Painting the treated substrate will generally require two coats of paint. Do not apply **Water Stopper WB PLUS** to frozen or frost filled surfaces or in temperature below 40° F. Do not apply to wet surfaces or if rain is expected within 24 hours. If frozen, thaw to room temperature before use. **Water Stopper WB PLUS** is a water base emulsion and cannot be allowed to freeze, if frozen, discard the solution as it will be unusable.

WARNINGS: IRRITANT: Avoid contact with skin and eyes. Wear protective clothing and safety glasses during application. Keep away from food and drink. Do not take internally. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

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.

GHS HAZARD RATING: WARNING



Irritant: May cause Skin & Eye Irritation.

H.M.I.S. CODES (Hazardous Materials Identification System): HEALTH = 1, FLAMMABILITY = 0, REACTIVITY = 0, PERSONAL PROTECTION = G. **SHIPPING CLASS:** ITEM 155250, SUB 2, LTL 55 - CONCRETE WATER REPELLENT - NOT REGULATED BY D.O.T.

PACKAGING: 1, 5 and 55 gallon containers **STORAGE:** 60° to 80° F recommended **SHELF LIFE:** - Do not exceed 1 year

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. No other representations or statements made by Specco 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. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Specco explicitly excludes any written or oral statements or implied warranty on the performance of an applied/installed product manufactured or sold by Specco or through a Specco authorized distributor or reseller. Specco has no control over adherence to Specco’s application standards, 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.*

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