

## WATERSTOPPER S-10 WB SILOXANE WATER REPELLENT EMULSION FOR CONCRETE & MASONRY

**PRODUCT DESCRIPTION:** Waterstopper S-10 WB Siloxane is a ready to use, penetrating, colorless, non-yellowing, and breathable concrete and masonry water repellent treatment compound. Once applied, Waterstopper S-10 WB Siloxane chemically reacts with the substrate and forms long life water repellent groups that crosslink into a polysiloxane compound. Surfaces treated with Waterstopper S-10 WB Siloxane 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 treated substrate. Waterstopper S-10 WB Siloxane 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. Waterstopper S-10 WB Siloxane is recommended for both interior and exterior use.

**BENEFITS:** WATERBASE V.O.C. COMPLIANT FORMULA FOR ODORLESS APPLICATIONS ...CAN BE USED ON FRESH CONCRETE OR SIMILAR ALKALINE SUBSTRATES IMMEDIATELY, NO NEED TO WAIT 28 DAYS...PROVIDES CHLORIDE / SALT RESISTANCE AND WATER REPELLENCY...NO NOTICABLE COLOR CHANGE TO SUBSTRATE...GOOD PENETRATION WITH A RESULTING NON-TACKY FINISH

**COMPOSITION:** Oligomeric alkylalkoxy siloxane micro-emulsion in water

PHYSICAL PROPERTIES at 70° F (21°C):	APPROXIMATE VALUES:
Weight per Gallon:	8.31 +/- 0.1 lb./ gallon
Color/odor:	Stable, milky emulsion with no noticeable odor
Percent solids ( total actives) by weight:	10.15% +/- 0.25
Emulsifier type:	Cationic
V.O.C. Content (% Volatiles) per EPA method:	95 g/L (0.79 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 S-10 WB Siloxane:
% Chloride Ion Intrusion:	75%	84%

FEDERAL SPECIFICATION SS-W-110C	Control Requirement:	Treated S-10 WB Siloxane:
% Water Absorption Reduction	75%	88%

**DIRECTIONS FOR USE:** Surfaces to be treated must be structural sound, dry, clean and free of all contaminants that will prevent the penetration of Waterstopper S-10 WB Siloxane. Repair all cracks, voids or surface defects and install caulking or joint sealant prior to applying. Specco Waterstopper S-10 WB Siloxane 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 and depending upon the spray equipment used, a larger orifice size may be necessary to produce the proper material flow. Start at the top of the wall and work downward using uniform, overlapping horizontal strokes. 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.

**APPLICATION (continued):** To prevent curtaining on white or light colored materials, apply Waterstopper S-10 WB Siloxane in several fog coats to the point of saturation with no run down. Apply two coats of Waterstopper S-10 WB Siloxane to materials having low density or high permeability such as concrete block. Allow proper drying time between coats, 12 to 24 hours. On horizontal surfaces apply Waterstopper S-10 WB Siloxane 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 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 ft <sup>2</sup> / gallon	Natural Stone-Porous	60-100 ft <sup>2</sup> / gallon
Clay Brick-Porous	60-120 ft <sup>2</sup> / gallon	Natural Stone-Dense	50-80 ft <sup>2</sup> / gallon
Clay Brick-Dense	100-120 ft <sup>2</sup> / gallon	Precast Paver Block	150-200 ft <sup>2</sup> / gallon
Block	80-100 ft <sup>2</sup> / gallon	Stucco	75-100 ft <sup>2</sup> / gallon
Cast Stone	75-125 ft <sup>2</sup> / gallon	Artificial Stone	50-100 ft <sup>2</sup> / gallon

**CAUTIONS:** Stir Waterstopper S-10 WB Siloxane before using. Neutral substrates will require longer curing times to develop similar water repellent characteristics obtained on freshly poured or highly alkaline substrates. Full product curing will require 7-10 days to complete and generate optimum water repellency. Treatment of substrate with Waterstopper S-10 WB Siloxane 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 Waterstopper S-10 WB Siloxane 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. Do not use compressed air to force the material from the drum.

**WARNINGS:** Waterstopper S-10 WB Siloxane is a water base emulsion and cannot be allowed to freeze. Avoid ingestion, skin and eye contact and inhalation of the spray mist. Refer to product M.S.D.S. (Material Safety Data Sheet) for further health and safety information. Read all technical information including label, MSDS and data sheets before use. Keep away from food and drink. Do not take internally. For medical emergencies only, call Chemtrec at 1-800-424-9300. FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN. DO NOT DILUTE OR THIN.

**H.M.I.S. CODES (Hazardous Materials Identification System):** HEALTH = 1, FLAMMABILITY = 0, REACTIVITY = 0, PERSONAL PROTECTION = C

**SHIPPING CLASS:** ITEM 155250, SUB 2, LTL 55 - CONCRETE WATER REPELLENT WATER BASE - 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

**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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