

BRICK & BLOCK SEAL WB SILICONIZED ACRYLIC WATER REPELLENT FOR MASONRY

PRODUCT DESCRIPTION: *Specco Brick & Block Seal WB* is a water-based, penetrating siliconized acrylic sealer for water repelling applications to masonry surfaces. *Brick and Block Seal WB* dries to a clear natural finish that will not discolor or cause any noticeable surface appearance change to the treated substrate. Typical uses include treatment of hard or soft brick, concrete block, natural stone, cast stone, and stucco.

BENEFITS:

- Provides no darkening to maintain the natural substrate color
- Cures to a natural matt finish with no gloss or sheen
- Provides excellent water repellency for brick or other masonry
- Environmental friendly formulation is easy to apply
- Can be used on a variety of surfaces such as brick, block, stucco, and concrete
- Provides long term protection with high breathability (high perm rate)
- V.O.C. compliant , meets all district, state and national AIM regulations

COMPOSITION: Water base acrylic, silicone fortified emulsion. Contains no added solvents or waxes.

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 DATA:	APPROXIMATE VALUES @ 70° F (21° C):
Color:	Milky white emulsion, dries to a clear film
Solids:	10.00+/-1.00 %
Weight/gallon:	8.39 lb./gal (+/- 0.1)
Viscosity	15 seconds by #2 Zahn Cup (very thin)
pH:	9.50 +/- 0.10
Odor:	This product has no odor
Freeze Thaw Cycling:	Stable through three cycles
ASTM E514: Percent reduction of leakage on brick wall:	Greater than 94%
ASTM D1653: Moisture Vapor Transmission Rate:	50 grams/sq. ft./24 hours = 86% of untreated
Penetration depth	1/16 to 3/8" (1.6 mm-9.5mm)-Dependant upon substrate porosity
Accelerated weathering (QUV):	No change at 1500 hours
VOC Content"	45 g/L (0.37 lb/gal)

TECHNICAL DATA: *Brick and Block Seal WB* forms a breathable film forming seal that does not discolor or support mold growth. Contains no volatile organic compounds. Meets Architectural Coatings Section 183(e) Final Rule Limit for concrete and masonry water repellents for all states.

SUBSTRATE PREPARATION: Application surfaces must be clean, dry and absorbent, free of alkali or efflorescence deposits, with temperatures between 40°-90°F (4°-32°C). Surfaces can be slightly damp prior to application, but for best results and maximum penetration of the sealer, a dry surface is recommended. Always run a small pre-test on questionable or porous substrates to check for substrate compatibility, as well as application speed and pattern to provide a uniform coat. Allow 5-7 days for *Brick and Block Seal WB* to fully react before evaluating.

SPRAYER: *Brick and Block Seal WB* is formulated at a low viscosity for easy spray and good penetration. Spray application is recommended using a low pressure garden type sprayer or conventional airless spray equipment, however brush or roller can be used if overspray is of a concern in some tight applications. Adjust spray tips and pressure for a wide spray pattern setting, taking care not to atomize the coating.

APPLICATION: Lightly stir the *Brick and Block Seal WB* solution before using to ensure uniformity of the emulsion. Apply *Brick and Block Seal WB* with a fine mist coat immediately prior to application to help break initial surface tension. *Brick and Block Seal WB* should then be applied evenly to the surface to the point of saturation with a controlled 8-10 inch material run down to ensure maximum penetration into the substrate. Spray surface lightly from bottom to top using an overlapping horizontal spray pattern. Let the sealer penetrate for a few minutes, and use a damp roller or sponge to remove any excessive build ups. Avoid over flooding the surface which can lead to heavy rundown or possibly curtaining effect. Wait 20-30 minutes between coats or until dry to touch. Protect the freshly coated surfaces from dust and rain for a minimum of 2 hours following application. Equipment and tools may be cleaned with soap and water immediately following use. Dried residue can be cleaned with hot water and/or mild acids such as *Specco Efflorescence & Hardscape CleanerC-10*.

COVERAGE: Coverage rate will vary with the absorption rate of the substrate. Two coats of *Brick & Block Seal WB* are recommended for very porous surfaces.

Substrate:	Coverage (sq. ft./gal.):	Substrate:	Coverage (sq. ft./gal.):
Architectural Concrete Block:	75-125	Stucco	75-125
Concrete/Limestone:	100-200	Granite:	150-300
Fired Clay Brick:	125-250	Slate:	200-400

CAUTIONS: Do not dilute or thin. Do not apply *Brick and Block Seal WB* when rain is expected within 2 hours of the application. Allow surface to dry for a minimum of 2 hours after any cleaning preparation before applying *Brick and Block Seal WB*. Not suitable for application over existing water repellents. Abrasion will damage coating. *Brick & Block Seal WB* is not recommended for horizontal surfaces. In these cases, the use of *Specco Waterstopper S-20 Siloxane* is suggested. Long term water repellency will be reduced by routine maintenance cleaning. Do not apply *Brick and Block Seal WB* to frozen or frost filled surfaces or when the temperature is below 40° F. A test area is always recommended before application to questionable or extremely porous surfaces to ensure proper film bond and cure. Variations in the texture and porosity of the substrate will affect the coverage and product performance. *Brick and Block Seal WB* will not inhibit water penetration though unsound or cracked surfaces, or applications with defective flashing or caulking. Always mask or cover surrounding landscaping, vegetation and shrubbery with drop cloths or visqueen to prevent any contamination or damage.

GHS HAZARD RATING: WARNING



Irritant: Respiratory Tract Irritation.

WARNINGS: IRRITANT: Avoid contact with skin and eyes and inhalation of the spray mist. 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.

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 WATER BASE - NOT REGULATED BY D.O.T.

PACKAGING: 1, 5 and 55 gallon containers

STORAGE: 60° to 80° F recommended. Keep from freezing

SHELF LIFE: - Do not exceed 1 year

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