SilaneSeal WB 10

SilaneSeal WB 10 is a clear, penetrating, waterborne, vapor-permeable water repellent for use on concrete, brick, concrete masonry units, and some natural stone. SilaneSeal WB 10 is low-VOC silane and siloxane emulsion that is formulated to reduce the penetration of water and other contaminants by chemically bonding with siliceous materials within a substrate to form a permanent attachment to the water repellent molecule. This reaction can help to prevent common issues such as premature deterioration, efflorescence, leaching, acid rain deterioration, scaling, dirt buildup, staining, corrosion of reinforcing steel, and mildew. Surfaces treated with SilaneSeal WB 10 remain fully breathable because the natural vapor transmission is not affected. This reduces problems caused by entrapped moisture, such as blushing of the sealer and freeze-thaw damage to the masonry.

ADVANTAGES

- *VOC Compliant throughout the United States*
- *Waterborne*
- *Ready to use*
- *Easy Application*
- *Non-flammable*
- *Reduced Efflorescence*
- *Breathable System*
- *Good Penetration into concrete*
- *Surface appearance unaffected*
- *LEED Credits*
- *High resistance alkali attack*
- *Long service life*
- *Keeps substrates cleaner*
- *Protects from wind-driven rain & deicing salts*
- *Helps prevent sealer blushing*

USES

- *Concrete*
- *Stucco*
- *Sandstone*
- *Terra Cotta*
- *Hand molded bricks*
- *Natural stones*
- *Brick masonry*
- *CMU*

PACKAGING

- *5.00 gallon pail*
- *51.00 gallon drum*
- *255.00 gallon tote*

SilaneSeal WB 10 PHYSICAL DATA

SilaneSeal WB 10 is a silane & siloxane emulsion

Color	**Milky White**
Active Substance	**Silane-Siloxane**
Active Content	**10%**
Carrier	**Water**
VOC	**90 g/l max.**
Flash Point	**>200°F**
Density	**8.34 lbs/gal**

TEST METHODS	TEST RESULTS
Water Absorption Concrete Masonry Units (ASTM C-140) 24 hour submersion test	97.3% Effective
Brick & Structural Clay Tile, Part 7 Absorption (ASTM C-67) 24 hour submersion test	98.1% Effective
Water Absorption of Concrete (ASTM C-642) 24 hours 48 hours	0.49 % 0.68 %
Deicer Scaling (ASTM C-672) 60 Cycles (Non-air-entrained concrete)	0 rating
Moisture Vapor Permeability of Organic Coatings (ASTM D-1653) 64 grams/ft²/24 hours	92% breathability
Accelerated Weathering (TT-C-5558) 2,500 hours	No Change
Water Permeance of Masonry (ASTM E-514) Untreated Leakage 5.50 l/hr. Treated Leakage 0.0 l/hr. Reduction in Leakage 100%	5.50 l/hr. 0.0 l/hr. 100%

KAUFMAN
Concrete Treatments

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