

SURFBLOCK™ SB-20

solvent based silane/siloxane water repellent

WATER REPELLENTS



Surfblock SB-20 is a 20% active solvent-based silane/siloxane water repellent and impregnating agent for porous masonry surfaces such as concrete, block, brick, and unglazed tile. Surfblock SB-20 will penetrate and chemically bond deep within the substrate to provide long lasting protection against deterioration or staining due to water conditions. Surfblock SB-20 will not impair the natural breathing characteristics of treated substrates, nor will it produce a film. Surfblock SB-20 will help concrete and masonry surfaces to resist common issues such as cracking, efflorescence, spalling, staining, and other damages caused by intrusion of water. It also helps protect the surface from damaging effects of water intrusion, acid rain, de-icing chemicals and freeze/thaw exposure. Because of the formulation of Surfblock SB-20, it may be applied to a concrete surface that has been previously coated with many solvent based acrylic sealers.

Specifications / Compliances

- Dried coating is USDA accepted.

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Key Features & Typical Benefits

- Deeply penetrating porous surfaces and provides superior water repellency, while allowing surface to breathe.
- Resists damage caused by deicing salts and freeze/thaw cycles.
- Provides excellent resistance to mold, mildew, and fungus.
- Superior efflorescence and strong alkali resistance compared to common solvent based acrylic sealers.

Recommended Applications

- Effective on unsealed applications such as...
- Broom Finish Concrete
 - Smooth Trowel Concrete
 - Exposed Aggregate Concrete
 - Masonry Block
 - Fired Clay Brick
 - Concrete Pavers
 - Concrete walls

Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	20% +/- 1%
Dry Time	1 - 2 hours
Dry Time - Foot Traffic	8 hours - 12 hours
Dry Time - Heavy Traffic	24 hours - 48 hours
Re-Coat Time Window	See instructions
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	Less than 600 grams/Liter
Appearance - Wet	Clear to Slightly Hazy
Appearance - Dry	Clear and Invisible

Testing in accordance with procedures outlined in EPA Method 24, "Volatile Organic Content VOC of Paints and Related Coatings". The solids content was determined in accordance with ASTM D 5095 and the VOC was calculated in accordance with ASTM D 3960.