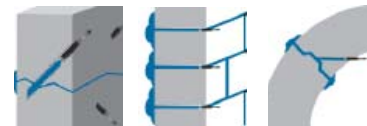


# SealBoss® SB Formula

Surface Sealing Technology  
Water - Vapor - Dust

Product Data Sheet



## SealBoss® SB Formula Advantages

- Ready to Use Formula, Cleans with Water
- Horizontal or Vertical Poured Concrete
- User-Friendly Water Dilution
- Waterproofing and Repelling Properties
- Vapor Barriers
- Residential and Commercial Applications
- Masonry and Concrete Block Surfaces
- Dustproofing Properties
- Interior Air Quality Benefits
- Maintains Surface Appearance



## SealBoss® SB Formula Concrete Armor

### How SB Formula Works

SealBoss® SB Formula contains microscopic particles that trigger a chemical reaction with lime, calcium and alkaline components in concrete creating CSH (Calcium Silicate Hydrate).

CSH provides waterproofing, repelling and strengthening properties to the natural concrete surface. It also provides a stronger, smoother and shinier surface.

SealBoss® offers decades of experience, successful results and developments in the waterproofing industry.

### Product Description

**SealBoss® SB Formula** is a technologically advanced water-based, chemically reactive, transparent, vapor impermeable concrete and masonry penetrating sealer for poured and block concrete substrates. The cured crystalized product waterproofs, preserves, protects, and strengthens substrates while also minimizing vapor and radon gas migration.

**SealBoss® SB Formula** is supplied as a ready to use full strength formula solution. Ask your SealBoss technician for details. The product is for professional use.

### Installation Guidelines

The concrete should be fully cured, free of debris, oils, stains, etc. Do not apply sealer to an existing coating or sealant. Test the porosity of the substrate with water to ensure that the surface is accepting sealant solution. Note: It is not recommended to apply the sealer to excessively porous concrete.

Mix and use **SealBoss® SB Formula Full Strength Solution**. Do not dilute. Apply sealant to substrate with a coverage rate of 800-1000 sqft/gallon of mixed solution. A two coat process is recommended for adequate sealing, dustproofing, strengthening, and protecting (approximately 30-60 minutes apart depending on temperature and conditions). Apply to the surface by spraying, brushing or mopping. Excessive sealant should be worked into the substrate.

**SealBoss® SB Formula** is a proprietary solution blend that maximizes penetration within the bare concrete surface providing an industry-leading protection. The product contains microscopic particles of silicate, a mineral that will penetrate past the surface pores of the concrete substrate and trigger a chemical reaction within the concrete. During this process it creates Calcium Silicate Hydrate (CSH) while reacting with the free lime, calcium, and various alkaline components inside the concrete. CSH aids in increasing the waterproofing, repelling and strengthening properties of the natural concrete. It also provides a smoother and shinier surface.

Excessive application of **SealBoss® SB Formula** may result in white residue and deposits on the surface of the substrate. Residue can be brushed clean with warm water and brush treatment. Previously sealed concrete will prevent penetration. Ambient temperatures should be in the range of 36F to 135F (2C to 57C). Condition product to room temperature in cold climate. The product is not intended as a decorative sealant and not for extremely porous concrete such as block masonry with voids and large air pockets. The product is not a primary concrete strengthening agent. Deterioration in concrete due to inadequate batching or application techniques may cause ultimate concrete failures.

### Equipment

Standard spray equipment can be used for application of at the recommended application coverages. Over-spray and excessive application will not enhance effects and properties. Equipment must be cleaned sufficiently with water in order to fully dilute and purge all traces of solution within in the pump and delivery systems.

### Health and Safety

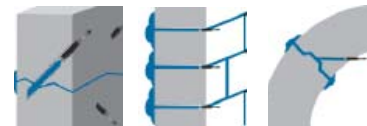
Protect your health! Always use safety gear in compliance with OSHA and all applicable local and job-site regulations while working with products. Handling of this product may result in spills, splashes, and airborne substances. Wear appropriate safety goggles, gloves and safety clothing at all times. Protect jobsite from unauthorized persons. Store all materials and equipment safely and out of reach of children and animals! Observe container labels, SDS, applicable laws and regulations and all instructions before using the product and equipment. In case one of the components comes in contact with the skin, wash thoroughly with soap and water. Get immediate medical attention as needed.

# SealBoss®

## SB Formula

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### Technical Properties

Appearance	Clear Liquid
Solids	100%
Specific Gravity	1.4 g/cm <sup>3</sup> (20C)
pH	11.3
Viscosity, cps	400cps concentrate - approx. 100cps diluted
Mixing	Mix full strength SB Formula prior to use
Ambient Application Temp. Range	36F to 135F (2C to 57C) Condition product to room temperature in cold climate
Density	11.8 lbs/gallon
Packaging	1 Gal 5 Gal 55 Gal
Storage	Good storage stability for unopened containers at 5-25 C 40 - 80 F in dry, sun free indoors environment 1 year shelf life. Properties for Cured Product May Vary
Corrosiveness	Non-Corrosive
Appearance	White Crystallization
Trafficable	Allow 24 hours for pedestrian and vehicular traffic
Recoat	Allow 45 minutes - 1 hour between coats



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