

# ALL SHIELD WB

Modified Silane-Siloxane Concrete Protectant



## DESCRIPTION

ALL SHIELD WB is a low VOC, waterborne, synthetic modified, silane-siloxane concrete protectant. This clear, penetrating, breathable protectant is designed for use on interior and exterior concrete, natural or synthetic stone surfaces.

ALL SHIELD WB penetrates the surface and bonds directly with the substrate, which results in a surface that is highly resistant to both moisture, staining and deicing salts.

ALL SHIELD WB helps protect concrete and stone surfaces including commercial and industrial floors, vehicle repair and service facilities, pavements, driveways, brick and concrete pavers, parking structures, bridges, marine platforms etc. against the corrosive effects of de-icing salts, moisture and weathering.

## FEATURES/BENEFITS

- Excellent water and stain repellent for interior/exterior surfaces subjected to motor oil, deicing salts and other damaging contaminants.
- Low V.O.C formula; OTC, LADCO, SCAQMD compliant
- Reduces water penetration minimizing the effects of freeze-thaw and weathering on concrete structures
- Long-lasting protection for new as well as old concrete and stone surfaces
- Dries tack-free and skid resistant

## APPLICATION

**EQUIPMENT:** Roller, brush, or low pressure sprayer

**COVERAGE RATE:**

Average rate is determined by surface porosity:

Porous surfaces:	200-250 ft <sup>2</sup> /gal
Broom finish:	250-300 ft <sup>2</sup> /gal
Dense/Burnished concrete:	400-800 ft <sup>2</sup> /gal

**NEW CONCRETE:** Surface should be dry, well cured (21 day minimum) using water, wet burlap, polyethylene curing paper, SpecChem "E Cure" or a dissipating resin based curing compound like "SpecRez".

Surface must be free of all moisture, curing residue, dust, debris, oil and other contaminants to allow penetration. Substrates must be absorptive to allow penetration of the ALL SHIELD WB. All joint sealant, caulks and patching should be in place before applying.

Agitate well before every use.

## APPLICATION (con't)

**HORIZONTAL SURFACES:** Generously apply using a low pressure sprayer (airless sprayer 10 to 20 psi), roller, brush or broom. Broom or squeegee out any puddles or free standing material.

**Adjust application rate on very porous surfaces or apply additional coats in a wet-on wet method. Do not allow excess to dry on the surface.**

**OLD CONCRETE AND MASONRY:** Remove any previously applied sealers, dust, dirt, tar, oil, etc. with pressure wash and SpecChem **Orange Peel** citrus cleaner or use other appropriate measures to properly prepare the substrate. Membranes of any kind must be re-

## PACKAGING

55 gallon drums/ 5 gallon pails/1 gal jugs (4 per case)

## TECHNICAL DATA

Type:	Modified siloxane/silane blend
Flash Point:	Greater than 200°F
Shelf Life:	12 months
Color:	Water clear
Resistance to UV rays:	Excellent

## LIMITATIONS/PRECAUTIONS

All Shield WB is not suitable for asphaltic surfaces or for below grade waterproofing. Protect glass, metal and other non-masonry surfaces from over spray. Do not use if air, product or surface temperatures are below 40°F (4°C) or above 100°F (40°C). Substrate must be completely dry or whitening may occur. Do not use over a curing membrane.



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## LIMITATIONS/PRECAUTIONS (con't)

Initial reaction will be in 16 to 24 hours. Treated areas may be returned to service once product has penetrated and surface is dry. Substrates should be saturated with material, but not allowed to puddle. Do not apply if precipitation is expected within four hours, or if rain has preceded the application in the past 12 hours.

Test compatibility with natural or synthetic stone

Over-application may cause a slight darkening of the surface or leave a white residue on the surface. Do not apply in high winds. Do not dilute.

Wear protective gloves and goggles. Avoid prolonged skin contact. Please refer to the safety data sheet (SDS) for more detail.

## SHELF LIFE

Containers are to be sealed and stored in a clean, dry area between 45-85°F (6-29°C). Keep from freezing. Shelf life is one year in unopened containers.

## TECHNICAL SERVICES

For assistance, contact technical services at:  
866-791-8700 913-371-8700  
[www.specchemllc.com](http://www.specchemllc.com)

## WARRANTY

### NOTICE-READ CAREFULLY CONDITIONS OF SALE

SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

### WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

### INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.



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