

SPECSHIELD WB

Silane-Siloxane water based penetrating sealer



DESCRIPTION

SPECSHIELD WB is a 100% reactive, waterborne silane-siloxane sealer. This clear, penetrating, breathable water repellent is designed for use on interior and exterior above grade concrete or masonry surfaces. SPECSHIELD WB penetrates the surface and bonds directly with the substrate, which results in a surface that is highly resistant to both moisture and salt.

SPECSHIELD WB helps protect concrete and masonry surfaces, decks, pavements, parking structures, ramps, bridges, marine platforms etc. against the corrosive effects of de-icing salts, moisture and weathering to prevent spalling and deterioration of concrete structures.

FEATURES/BENEFITS

- Provides excellent chloride screen
- Excellent water repellency while maintaining breathability
- Actual V.O.C = 0 grams/liter
- Reduces the effects of freeze-thaw cycling and weathering on concrete structures
- Long-lasting protections for new as well as old concrete surfaces
- Dries tack-free and skid resistant
- Water based, colorless and non-yellowing

APPLICATION

EQUIPMENT: Roller, brush, or low pressure sprayer

COVERAGE RATE:

Average rate is determined by surface porosity:
 Porous surfaces: 100-125 ft²/gal
 Broom finish: 100-150 ft²/gal
 Smooth concrete: 200-250 ft²/gal

NEW CONCRETE: Surface should be dry, well cured (28 day minimum) using water, wet burlap, polyethylene curing paper, or dissipating resin based curing compound. 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 SPECSHIELD WB. All joint sealant, caulks and patching should be in place before applying.

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. **Application should follow a wet-on wet method. Do not allow excess to dry on the surface.**

APPLICATION (con't)

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 removed. Substrates must be dry and absorptive to allow penetration of the SPECSHIELD WB.

PACKAGING

55 gallon drums/ 5 gallon pails

TECHNICAL DATA

| | |
|------------------------|--------------------------------------|
| Type: | Organofunctional siloxane and silane |
| Flash Point: | Greater than 200°F |
| Shelf Life: | 12 months |
| Color: | Water clear |
| Resistance to UV rays: | Excellent |

LIMITATIONS/PRECAUTIONS

Not suitable for asphaltic surfaces. 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. Initial reaction will be in 16 to 24 hours. Treated areas may be returned to service once product has penetrated and surface is dry. Do not over apply.

Substrates should be saturated with material, but puddling should be avoided. Do not apply if precipitation is expected within four hours, or if rain has preceded the application in the past 12 hours.

SPECSHIELD WB is not formulated for below grade waterproofing. Not effective for some stone surfaces. 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. Allow NO contact with food stuffs. Please refer to the safety data sheet (SDS) for more detail.



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 Kansas City, MO 64108

www.specchemllc.com 866.791.8700

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

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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