



DATA SHEET NO. 3460-500

DECK-O-SHIELD™ PLUS Natural Stone and Salt Water Resistant Sealer

DESCRIPTION

DECK-O-SHIELD PLUS is a premium-grade, ready-to-use, water-based sealer formulated for use on natural stone. DECK-O-SHIELD PLUS is formulated specifically to seal porous surfaces and is ideal to use on pool copings and decks protecting them from salt penetration. It can be used on all porous surfaces such as natural stone, tile, concrete, pavers, and grout. DECK-O-SHIELD PLUS provides a solution to spalling and pitting of porous stone and concrete surfaces caused by salt penetration as well as spalling caused by freeze-thaw cycles.

USES

DECK-O-SHIELD PLUS repels water and protects virtually all porous surfaces, including decks, porches, patios, and walkways around pools. This includes the following surfaces: natural stone, mortar joint, concrete, brick, concrete block, stucco.

Another advantage DECK-O-SHIELD PLUS provides is that the product will not alter the color or tint of the surface after application. There is no need for worry when applying DECK-O-SHIELD PLUS, because the product will have no adverse effects on surface appearance after application.

FEATURES/BENEFITS

- DECK-O-SHIELD PLUS is not a film-forming material - it penetrates the surface to form an integral barrier to moisture penetration.
- Transparent, non-staining.
- High solids content; one-coat application on most surfaces.
- Surface appearance after application and complete drying is virtually unchanged.
- Reduces entrapment of dirt particles and other contaminants that cause discolouration; inhibits soiling.
- Protects against efflorescence and rust staining.
- Provides spill and wipe protection from stains.
- Protects against salt staining and "whitening" caused by salt in the water.
- Water-based, VOC compliant.
- One component.

PACKAGING

3.78 Litre (1 U.S. Gallon) Containers

W. R. MEADOWS® OF CANADA
70 Hannant Court, Milton, ON L9T 5C1
38 Rayborn Crescent, St. Albert, AB T8N 4B1
(800) 342-5976
Montreal Sales: (877) 405-5186

18.9 Litre (5 U.S. Gallon) Pails

COVERAGE

7.36 m²/L - 11.66 m²/L (300 - 475 ft.²/gal.). Coverage rate will vary due to the porosity of the substrate.

SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 4° - 32° C, optimum performance and best use is obtained within one year of date of manufacture.

SPECIFICATIONS

- Complies with Canada VOC Concentration Limits for Architectural Coatings Regulations.

TECHNICAL DATA

Dry to Touch: 1 - 2 hours (Typical)
Colour: Milky White Emulsion

APPLICATION

Surface Preparation ... Protect people, vehicles, property, plants, and all non-masonry surfaces from product, splash, residue, and wind drift. Concrete surface must be clean from all stains, oil, grease, dust, dirt, efflorescence, and curing compounds removed prior to application. Though DECK-O-SHIELD PLUS may be applied to slightly damp surfaces, best performance is achieved on a clean, thoroughly dried and absorbent surface. Excessive moisture inhibits penetration, reducing the service life and performance of the treatment. Always test for compatibility.

Surface and Air Temperatures ... Optimum surface and air temperature is 4° - 35° C during application and eight hours after. If freezing conditions exist before application, let surface to receive treatment thaw. The DECK-O-SHIELD PLUS water carrier may freeze at low temperatures or evaporate at high temperatures. Both conditions impair penetration and results.

Continued over ...

Hampshire, IL / Cartersville, GA / York, PA / Fort Worth, TX
Benicia, CA / Pomona, CA / Goodyear, AZ / Milton, ON
St. Albert, AB
www.wrmeadows.com

Test Application ... Always perform a test application on each type of surface prior to full-scale application to determine suitability and final appearance. Test using the recommended application instructions. Let area dry thoroughly before inspection.

For most current data sheet, further LEED information, and SDS, visit www.wrmeadows.com.

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Application Method ... Apply with a low-pressure airless sprayer, such as a Chapin 1949 with a 0.379 L (0.1 GPM) spray rate, paint roller or brush, allowing DECK-O-SHIELD PLUS to flood the surface. Roll or brush out puddles. Do not let the product puddle on the surface or dry on the surface. After 10 - 15 minutes, wipe the entire surface with a clean, dry cloth, removing all excess sealer from the surface.



Two coats may be necessary on porous substrates. When applying these two coats, do not allow the first coat to fully dry before applying the second.

Note: Hot, windy conditions will evaporate the water carrier, reducing penetration and performance. On hot, windy days, apply early in the day and in shade, if possible.

Treated surfaces dry to touch in 1 - 2 hours. Protect surfaces from rainfall for six hours following treatment. Many surfaces need several days to develop optimum water repellency.

For dense surfaces, DECK-O-SHIELD.

Cleanup ... Immediately clean tools, equipment and overspray with soap and warm water.

PRECAUTIONS

DO NOT DILUTE OR ALTER. MIX THOROUGHLY PRIOR TO USE. DO NOT FREEZE. DECK-O-SHIELD PLUS is a water repellent, not a waterproofing or vapor barrier. It will not hide existing surface stains. DECK-O-SHIELD PLUS should not be applied to surfaces that are to receive caulks or sealants. Application over fully cured elastomeric sealants typically will not affect the sealant. Do not apply to surfaces with temperatures of <4.4° C or >35° C. Prevent from being spilled or over sprayed onto nearby water sources. Temporary darkening of some substrates may occur. Apply a small test patch application prior to full-scale application. Refer to Safety Data Sheet for complete health and safety information.

MASTERFORMAT NUMBER AND TITLE

07 19 00: Water Repellents

LEED INFORMATION

May help contribute to LEED credits:

- IEQ Credit 3.1: Construction Indoor Air Quality Management Plan: During Construction
- IEQ Credit 4.2: Low-Emitting Materials: Paints and Coatings
- MR Credit 5: Regional Materials

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