



DATA SHEET NO. 3468-000

DECRA-SEAL™ NATURAL Water-Based Enhancer Water Repellent Sealer

DESCRIPTION

DECRA-SEAL NATURAL is low-VOC, water-based sealer that enhances the natural colour and features of decorative concrete, pavers, unglazed tiles, and a variety of porous natural and artificial stone. DECRA-SEAL NATURAL is a penetrating water repellent that chemically bonds to the substrate, helping to increase the service life.

USES

DECRA-SEAL NATURAL is designed for various applications, including interior, exterior, horizontal, and vertical concrete and masonry surfaces, pavers, unglazed tiles, and a variety of porous natural and artificial stone applications.

FEATURES/BENEFITS

- Enhances and enriches the colours of the substrate.
- Does not create a glossy finish, preserving the natural look of the substrate.
- Excellent product for sealing concrete pavers.
- Matte finish.
- Repels water.
- Reduces water and salt penetration in the substrate.
- Low VOC.

PACKAGING

3.8 Litre (1 U.S. Gallon) Cans (4 per Carton)
18.9 Litre (5 U.S. Gallons) Pails
208.20 Litre (55 U.S. Gallons) Drums

COVERAGE

50 - 300 ft.²/gal. (1.23 - 7.36 m²/L).

Due to porosity, certain stone and block applications may require a significant increase in coverage rate or additional applications may be necessary. Always apply a test area to determine actual coverage rate. Coverage rate will vary greatly 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

APPLICATION

Surface Preparation ... Use proper protection for the applicator and protect vehicles, property, plants, and all surfaces from product splash, residue, and wind drift. Surfaces must be clean and dry with all stains, oil, grease, dust, dirt, curing compounds, sealers, and other contaminants removed prior to application. Failure to remove contaminants will compromise the penetration and performance of the product. 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. For optimum results, wait 14 - 28 days before applying DECRA-SEAL NATURAL to new concrete and masonry. For optimum performance, the moisture content of the substrate should be <4%. Always test for compatibility. Masonry joints must be checked and repointed where necessary. All caulking and sealants must be in good condition and the surface fully cured and thoroughly dry before application.

Application Method ... An industrial sprayer, such as a Chapin 1949, with a spray nozzle that produces a flow of 0.379 LPM (0.1 GPM) under 0.276 MP (40 psi) of pressure (or equivalent) is recommended. AVOID PUDDLING in low areas. If puddles occur, brush or roll them out. DECRA-SEAL NATURAL can also be applied using a lint-free roller or lambs wool applicator.

Horizontal Surfaces ... Apply in a single pass. Completely saturate the surface and leave wet for 3 - 5 minutes. Then brush out or broom all pools and puddles and collect excess of material from surface.

Vertical Surfaces ... To ensure proper penetration, sufficient material should be applied to allow a flood of material to run down at least 8" - 10" (203 - 254 mm) below the spray pattern. Apply and saturate from the bottom up.

Continued over ...

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Vertical Surfaces ... To ensure proper penetration, sufficient material should be applied to allow a flood of material to run down at least 203 - 254 mm (8" - 10") below the spray pattern. Apply and saturate from the bottom up.

NOTE: Note: Some horizontal and vertical surfaces may need an additional coat(s) to achieve the desired appearance. When applying additional coats, always apply wet on wet; first coat should not be fully dry prior to the application of the subsequent coat.

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.

Test Application ... Always perform a test application in an inconspicuous area 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.

Drying Time ... DECRA-SEAL NATURAL dries quickly. Drying times may be extended depending on application rate, temperature, humidity, and project conditions. Restrict foot traffic for at least six hours. Twelve hours is preferred. Restrict vehicular traffic for 24 hours. Water repellency properties should start developing within 24 hours. It can take up to 72 hours to develop full water repellency properties.

Cleanup ... While DECRA-SEAL NATURAL is still wet, equipment may be cleaned with soap and water.

PRECAUTIONS

KEEP FROM FREEZING. DO NOT ADD OR DILUTE WITH ANY OTHER COMPOUNDS. Do not apply when air, material and surface temperatures are expected to fall below 4° C within eight hours of completed application. Do not apply to surfaces with temperatures of <4° C or >35° C. Do not use on polished and hard-troweled surfaces. Not recommended for below grade application. Not designed to stop water penetration through cracks, defects, or open joints. This product will not provide gloss. Treated surface should be protected from rain and contaminates for 24 hours.

HEALTH HAZARDS

Direct contact may result in mild irritation. Inhalation may cause irritation of the respiratory tract. Refer to Safety Data Sheet for complete health and safety information.

MASTERFORMAT NUMBER AND TITLE

03 39 23 - Membrane Concrete Curing

LEED INFORMATION

May help contribute to LEED credits:

- IEQ Credit 4.2: Low-Emitting Materials - Paints and Coatings
- IEQ Credit 4.3: Low-Emitting Materials - Flooring
- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

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

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