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APRIL 2018
(Supersedes August 2016)

PENTREAT™ 244-40 OTC

Water Repellant Penetrating Sealer

DESCRIPTION

PENTREAT 244-40 OTC is a reactive, penetrating, 40% active silane sealer that inhibits water and chloride ion penetration in concrete and masonry structures. PENTREAT 244-40 OTC is a hydrophobic, impregnating sealer that helps prevent chloride-induced corrosion of rebar, scaling, spalling, freeze-thaw damage, and other causes of debilitating concrete.

USES

PENTREAT 244-40 OTC is designed for use on horizontal, vertical, overhead, new, and existing concrete and masonry above-grade surfaces. Suitable applications include residential commercial, industrial, and municipal projects. PENTREAT 244-40 OTC can be used on all types of concrete, including parking structures, stadiums, driveways, plazas, patios, walkways, median barriers, bridge decks and piers, ramps, traffic-barring concrete, marine structures, and loading docks.

FEATURES/BENEFITS

- High-performance, breathable, penetrating, superior water repellent sealer.
- Provides an effective chloride screen.
- Keeps treated surfaces cleaner.
- Minimizes penetration from de-icing chemicals, salt, water, etc., that may damage concrete/masonry surface.
- Reduces spalling of new concrete surfaces.
- Will extend the life of concrete and masonry structures.
- Penetrates deeply for maximum protection.
- Chemically bonds to the substrate, preventing liquid absorption while allowing excellent vapor transmission.
- Leaves no residue/Requires no cleaning after application.

PACKAGING

5 Gallon (18.9 L) Pails
55 Gallon (208.2 L) Drums

COVERAGE

Approximately 100 - 150 ft.²/gal. (2.45 – 3.68 m²/L). Coverage is approximate and may vary depending on surface finish/texture, concrete condition, climatic conditions, etc. Always apply to a test area first to determine actual coverage rate before full-scale application.

SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F, optimum performance and best use is obtained within two years of date of manufacture.

SPECIFICATIONS

- Complies with CARB, EPA National AIM, LADCO, and OTC Phase I and II VOC regulations.

TECHNICAL DATA

VOC Content: 171 g/L

APPLICATION

Surface Preparation ... Surfaces must be structurally sound, clean, and free from dirt, efflorescence, and stains. For optimum results, wait 14 - 28 days before applying PENTREAT 244-40 OTC to new concrete. Concrete surface must be clean and dry with all stains, oil, grease, dust, dirt, and curing compounds removed prior to application.

Application Method... Apply with a low-pressure airless sprayer, such as a Chapin 19069 with a 0.1 GPM (0.379 LPM) spray rate, allowing PENTREAT 244-40 OTC to flood the surface.

Horizontal Application ... 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 of material from surface.

Vertical application ... Apply two coats. Do not allow the first coat to fully dry before applying the second.

CONTINUED ON THE REVERSE SIDE...

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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 recent data sheet, further LEED information, and safety data sheet, visit www.wrmeadows.com.

Drying Time... Product dries quickly; usually in one hour at 70° F (21.1° C). Drying times will vary depending on application rate, temperature, humidity, and project conditions. Product dries clear without any significant change in surface appearance.

PRECAUTIONS

FOR OUTSIDE/EXTERIOR APPLICATION ONLY. PENTREAT 244-40 OTC IS FLAMMABLE. KEEP AWAY FROM ALL OPEN FLAMES, SPARKS, IGNITION SOURCES, etc. Use with adequate ventilation and block all HVAC ventilation ducts which may spread product vapors - vapors are flammable and heavier than air. Do not use as a waterproofing or vapor barrier. PENTREAT 244-40 OTC will not block water transmission through defective substrates, such as cracked or improperly repaired surfaces. Treated surface must be protected from rain for 12 hours minimum, but 24 hours is preferable. Do not over-apply. Residual moisture must not exceed 4%. The surface temperature should be between 40° - 95° F. The surface temperature should be 5.5° F (3° C) above the dew point. Should it suddenly start to rain, stop treatment and cover impregnated areas. Do not allow puddling or running to occur.

LEED INFORMATION

May help contribute to LEED credits:

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



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.