

PRODUCT DATA

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W. R. MEADOWS®

SEALTIGHT®

NO. 377

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(Supersedes February 2005)

LIN-SEAL®

Penetrating and Anti-Spalling Compound

DESCRIPTION

LIN-SEAL penetrating and anti-spalling compound is a specification-grade formulation of boiled linseed oil in mineral spirits. LIN-SEAL is specifically compounded to prevent the spalling and scaling of concrete. This type of penetrating compound is recommended by many state Departments of Transportation for prolonging the life cycle of concrete exposed to water, de-icing salts and other destructive materials.

USES

LIN-SEAL is ideal for application on Portland cement concrete bridge decks, parking garage decks and ramps, or any concrete surface which allows the concrete to absorb water, salts or other destructive materials. LIN-SEAL may also be applied on wood to seal, protect and extend the life of the protected wood.

FEATURES/BENEFITS

- Protects concrete surfaces against over-exposure to de-icing salt, water and other destructive materials.
- Increases the durability of the concrete.
- Reduces spalling and scaling of concrete surfaces.
- Treated surfaces are ready for use four (4) hours after application.
- Ready to use ... no mixing required.
- Seals, protects and extends the life of wood.
- Easy to apply ... cleans up quickly with mineral spirits.
- VOC compliant... VOC content is <400 g/L.

RELATED PRODUCTS

LIN-SEAL WHITE: A water-based, white-pigmented curing and anti-spalling compound.

LIN-SEAL EMULSION: A water-based, clear curing and anti-spall compound.

PACKAGING

5 Gallon (18.93 Liter) Pails
55 Gallon (208.20 Liter) Drums

SPECIFICATIONS

- AASHTO M 233
- ASTM D 260: Boiled Linseed Oil
- Meets numerous state specifications for anti-spalling compounds.
- U.S. EPA Architectural Coatings Rule: 400 g/L maximum VOC for Concrete Protective Coatings.

APPLICATION

Surface Preparation ... Surfaces to be sealed must be clean and dry. Remove all dirt, oil, grease, curing compounds and other substances that would prevent the proper penetration of the LIN-SEAL.

Application Method ... Apply at temperatures between 40-90° F (4-35° C). New concrete should be cured a minimum of 28 days before application. Apply using an industrial sprayer. A Chapin 1949 sprayer with a 5797 spray tip that produces a flow of ½ gallon (1.89 L) per minute under 40 psi (0.276 MPa) of pressure (or equivalent) is recommended. AVOID PUDDLING in low areas. If puddles occur, brush or roll them out. Annual reapplication may be necessary.

CONTINUED ON REVERSE SIDE...

W. R. MEADOWS, INC.

P.O. Box 338 • HAMPSHIRE, IL 60140-0338
Phone: 847/214-2100 • Fax: 847/683-4544
1-800-342-5976

www.wrmeadows.com

HAMPSHIRE, IL / CARTERSVILLE, GA / YORK, PA
FORT WORTH, TX / BENICIA, CA / POMONA, CA
GOODYEAR, AZ / MILTON, ON / ST. ALBERT, AB

NOTE: Proper application is the responsibility of the user and/or specifier. The user and/or specifier shall determine suitability of a product for a specific application, and assume all related responsibility. Field visits by, or conversations with W. R. MEADOWS personnel or their representatives, are for the purpose of making technical recommendations only and are not to supervise applications or provide quality control on the jobsite.

Coverage ... Apply at the rate of approximately 300 ft.²/gal. (7.36 m²/L). A second application at approximately 600 ft.²/gal. (14.73 m²/L) is recommended for increased protection and spall prevention.

NOTE: Use of fillers, extenders or additives in the concrete mix may result in higher porosity. To achieve proper protection, adjust coverage rates to compensate for the resulting penetration.

Cleanup ... Use mineral spirits or other suitable petroleum solvent to clean tools and equipment. Materials soaked with linseed oil (rags, paper towels, absorbents, etc.) may spontaneously catch fire if improperly disposed. (See precaution below.)

SHELF LIFE (Typical)

One (1) year in original, unopened container.

PRECAUTIONS

IMMEDIATELY AFTER USE, ALL MATERIALS COMING IN CONTACT WITH LIN-SEAL (RAGS, PAPER TOWELS, ABSORBENTS, ETC.) MUST BE PUT INTO A WATER-FILLED CONTAINER, AND THEN THE CONTAINER MUST BE TIGHTLY SEALED.



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.

LIN-SEAL IS FOR EXTERIOR APPLICATION ONLY. DO NOT DILUTE WITH ANY OTHER PRODUCTS OR LIQUIDS.

Do not apply LIN-SEAL if the air temperature or the temperature of the concrete is below 40° F (4° C).

Do not use on colored concrete. Do not use on densely troweled or non-porous surfaces, or where darkening of the concrete is undesirable. Do not use on surfaces that are not uniform in porosity, i.e. brick, stone, masonry, etc. Concrete containing calcium chloride will remain dark longer when treated with LIN-SEAL.

Read and follow application information, precautions and Material Safety Data Sheet information, which is available online at www.wrmeadows.com

HEALTH AND SAFETY

Avoid direct contact with this material, as it may cause irritation of the skin and eyes. Product vapors may cause transient central nervous system depression. LIN-SEAL should not be utilized in locations where food items are present. Refer to Material Safety Data Sheet for complete health and safety information.

LIN-SEAL is a combustible product. All ignition sources should be removed prior to use. (Flash point: 113° F).

FOR THE MOST CURRENT PRODUCT INFORMATION, VISIT OUR WEBSITE: www.wrmeadows.com