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LIN-SEAL® WHITE

Anti-Spalling and Curing Compound

DESCRIPTION

LIN-SEAL WHITE anti-spalling and curing compound is a true water-based, white-pigmented, high solids emulsion of boiled linseed oil. When properly applied, the product forms a protective coat that inhibits moisture loss in freshly-placed concrete. The white pigments reflect the heat-producing rays of the sun to keep the concrete surface cooler and prevent excessive heat buildup. The product is also ideal for preventing spalling and scaling of concrete surfaces.

USES

LIN-SEAL WHITE anti-spalling and curing compound is ideal for use on bridge decks, ramps, and other DOT concrete surfaces exposed to water, de-icing salts, or other deleterious materials. The product increases the durability of concrete to prolong its service life.

FEATURES/BENEFITS

- When properly applied, provides a protective coat which optimizes water retention.
- Protects by reflecting the sun's rays to keep the concrete surface cooler and prevent excessive heat buildup, which can cause thermal cracking.
- Furnished as a ready-to-use, true water-based compound.
- Produces hard, dense concrete ... minimizes hair-checking, thermal cracking, dusting and other defects.
- Prevents scaling and spalling.
- Offers a compressive strength significantly greater than improperly cured or uncured concrete.
- Increases tensile strength for greater resistance to cracking and surface crazing.
- Improves abrasion resistance and minimizes corrosive action of salts and chemicals ... minimizes shrinkage.
- Applies quickly and easily with conventional commercial spray equipment.

PACKAGING

5 Gallon (18.93 Liter) Pails
55 Gallon (208.20 Liter) Drums
275 Gallon (1040.99 Liter) Totes

COVERAGE

Approximately 200 ft.²/gal. (4.91 m²/L).
Coverage may vary due to porosity and condition of the concrete.

SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F (4° - 32° C), optimum performance and best use is obtained within one year of date of manufacture.

SPECIFICATIONS

- ASTM C309, Type 2, Class A & B*
 - AASHTO M 148, Type 2, Class A & B*
 - Numerous state DOT specifications
 - Complies with National AIM, Phase I OTC, Phase II OTC, CARB, and SCAQMD maximum allowable VOC requirements.
- *With exemption for drying time.

TECHNICAL DATA (Typical)

Color:	White Liquid
Solids, wt. %:	52.0
Weight per Gal., lb./gal:	8.5
VOC Content:	41 g/L

APPLICATION

Fresh (New) Concrete ... Apply as soon as all surface water has disappeared and the concrete surface will not be marred by walking workers.

Mixing ... Any settling or separation in the container must be re-dispersed with gentle agitation prior to use. **CAUTION: DO NOT MIX EXCESSIVELY.**

CONTINUED ON REVERSE SIDE...

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Application Method ... Spray on in one even coat with hand or power spray equipment as soon as surface water disappears from the horizontal concrete surface. On vertical surfaces, spray on promptly after the forms are removed. Use of a Chapin 1949 sprayer with a 0.5 GPM (1.9 LPM) spray nozzle is recommended. Application equipment must be clean and free of any previously used products/liquids.

Cleanup ... Prior to drying, application equipment can be easily cleaned up with soap and water. Once dried, use mineral spirits or other suitable solvent.

NOTE: Materials soaked with linseed oil (rags, absorbents, etc.) may spontaneously catch on fire if improperly discarded. Immediately after use, all materials coming in contact with this product should be placed in a water-filled container. This container should then be covered and sealed closed.

PRECAUTIONS

KEEP FROM FREEZING. Do not apply when the temperature of the concrete is less than 40° F (4° C). DO NOT MIX OR DILUTE WITH ANY OTHER LIQUIDS OR PRODUCTS. Do not use on surfaces that are later to be painted, tiled, hardened, sealed, or treated in any manner. Do not use on patios, sidewalks, or other areas where there is no wheel traffic to abrade the white film surface. Not recommended for use on residential driveways. Drying of products containing linseed oil results in the generation of heat which may result in the ignition of combustible materials, such as rags, paper towels, etc. For exterior use only.

HEALTH AND SAFETY

Direct contact may result in mild irritation. Refer to Safety Data Sheet for complete health and safety information.



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.

LEED INFORMATION

May help contribute to LEED credits:

- EQc2: Low-Emitting Materials
[For Healthcare and Schools (exterior-applied products) ONLY]

For most recent data sheet, further LEED information, and SDS, visit

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