



# LINSEED OIL TREATMENT

## CONCRETE SEALER

### PACKAGING

5 gal (18.9 L) pail

Code: 027 05

55 gal (208 L) drum

Code: 027 55

### APPROXIMATE COVERAGE

See coverate rate section below for application rates.

### CLEAN UP

Clean equipment with mineral spirits.

### SHELF LIFE

2 years in original, unopened package

### SPECIFICATIONS AND COMPLIANCES

- Meets the requirements of AASHTO M-233
- Linseed Oil portion meets ASTM D260
- Mineral Spirits portion meets ASTM D235

### DESCRIPTION

LINSEED OIL TREATMENT is a blend of boiled linseed oil and solvents. When applied in a thin coating to concrete surfaces, it protects them from winter damage due to freeze-thaw cycling and the effects of de-icing salts. Two applications of the oil compound will protect concrete and increase its resistance to winter damage.

### PRODUCT CHARACTERISTICS

#### FEATURES/BENEFITS

- Deep penetration
- Salt protection
- Ease of application
- Rapid drying

#### APPEARANCE

LINSEED OIL TREATMENT is a light brown material that will slightly darken concrete.

#### PRIMARY APPLICATIONS

- Roads and bridge decks
- Parking ramps and curbs
- Sidewalks and driveways
- Concrete exposed to freeze-thaw cycles
- Exterior concrete surfaces

### TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

Suitable for exposure to traffic . . . . . 12 to 24 hours

Viscosity . . . . . 25 to 35 sec, #1 Zahn Cup

Percent solids by volume . . . . . min 50%

Flash point . . . . . 116 °F (47 °C) TCC

VOC Content. . . . . 389 g/L

Drying time . . . . . 2 hours, depending on humidity and other climatic conditions

#### COVERAGE

Troweled smooth . . . . . 300 ft<sup>2</sup>/gal (7.4 m<sup>2</sup>/L)

Broomed textured . . . . . 400 ft<sup>2</sup>/gal (9.8 m<sup>2</sup>/L)

**Material Requirements:** A two coat application using a coverage rate of 300 ft<sup>2</sup>/gal (7.4 m<sup>2</sup>/L) for each coat will require approximately 6.7 gal (25.4 L) of material per 1000 ft<sup>2</sup> (92.9 m<sup>2</sup>) of area.

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## DIRECTIONS FOR USE

**Surface Preparation:** Concrete surfaces must be clean, dry and free of oil, dirt, loose scale and any other contaminants. Surfaces shall be swept clean by hand or by mechanical means. Remove oil and grease as completely as possible. New concrete should be at least 28 days old prior to application. New concrete cured with curing compounds or cure & seals should not be treated until such agents have completely weathered away or been removed by other means.

**Mixing:** LINSEED OIL TREATMENT is a one-component product that requires no pre-blending prior to placement. LINSEED OIL TREATMENT should be used directly from the container.

**Placement:** LINSEED OIL TREATMENT should be applied sparingly in two coats, at the average rate of 300 ft<sup>2</sup>/gal (7.4 m<sup>2</sup>/L) per coat. Application may be done by medium nap paint roller or industrial pump-up sprayer, using a wide fan nozzle. The second coat may be applied as soon as the first coat is dry to touch. In warm, dry weather this requires only one to four hours, but in cool weather, drying times up to 24 hours may be required. The preferred time for application is late afternoon so that when the concrete cools, the compound penetrates deep into the pores. Further treatment is recommended in form of a single application annually on surfaces subject to de-icing chemicals and wear.

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## PRECAUTIONS/LIMITATIONS

- Keep LINSEED OIL TREATMENT away from open flames, sparks, or other sources of ignition
- If using LINSEED OIL TREATMENT indoors, ensure adequate fresh air ventilation and block all HVAC ducts which may distribute solvent odor. Extinguish any pilot lights or other sources of ignition prior to starting LINSEED OIL TREATMENT application.
- All rags soaked with the compound must be stored in air-tight covered steel drums.
- In all cases, consult the Safety Data Sheet before use.

Rev. 05.21

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