

# THERMO-LUBE

PRODUCT No. 1905-01, -05

**DIVISION 3**

03 01 00 Maintenance of Concrete

## PRODUCT DESCRIPTION

QUIKRETE® Thermo-Lube is an accelerating liquid admixture for concrete and mortar in cold weather. QUIKRETE® Thermo-Lube accelerates the hydration process of portland cement which decreases the set time in colder weather applications.

## PRODUCT USE

QUIKRETE® Thermo-Lube is used as an additive to concrete and mortar to help accelerate the set and reduce the time that the fresh concrete needs to be protected from freezing. It is also excellent as a "wetting" agent or a lubricant to allow for more workability. QUIKRETE® Thermo-Lube meets ASTM specification C494 for Type C Accelerating Admixtures. Early strengths may be enhanced by the addition of QUIKRETE® Thermo-Lube without adversely affecting later strengths

## SIZES

- 1 gallon (3.8 L) bottle
- 5 gallon (18.9 L) pail
- 55 gallon (208.1 L) drum (*special order only*)

## TECHNICAL DATA

### APPLICABLE STANDARDS

- ASTM C494 Standard Specification for Chemical Admixtures for Concrete

## RATE OF APPLICATION

For best results, use the recommend dosage range shown in Table 1.

TABLE 1: RECOMMENDED DOSAGE RANGE

Product and Package Size	MIN fl oz (mL)	MAX fl oz (mL)
80 lb (36.2 kg) QUIKRETE® Concrete Mix	3 (88)	10 (295)
60 lb (27.2 kg) QUIKRETE® Concrete Mix	2 (59)	8 (236)
80 lb (36.2 kg) QUIKRETE® Mason Mix or QUIKRETE® Mortar Mix	2 (59)	8 (236)
60 lb (27.2 kg) QUIKRETE® Mason Mix or QUIKRETE® Mortar Mix	1.5 (44)	6 (177)
80 lb (36.2 kg) QUIKRETE® Sand/Topping Mix	3 (88)	10 (295)
60 lb (27.2 kg) QUIKRETE® Sand/Topping Mix	2 (59)	8 (236)
94 lb (42.6 kg) QUIKRETE® Portland Cement*	20 (591)	78 (2306)

\* when expanded into concrete or mortar with appropriate aggregates



## PRECAUTIONS

- Contains Calcium Chloride. Do not use in areas that will be in contact with steel reinforcement.
- Protect concrete or mortar from freezing for a minimum of 24 hours.
- If color is important, addition rates should be established, and consistency maintained throughout the project.
- For maximum acceleration use the highest recommend dosage. Do not under any circumstances use more than the recommended dosage.

## SAFETY

**IMPORTANT:** Read Safety Data Sheet carefully before using. **WEAR IMPERVIOUS GLOVES**, such as nitrile, mask, and eye protection.

**WARNING: EYE & SKIN IRRITANT.** May be harmful is swallowed. **KEEP OUT OF REACH OF CHILDREN**

## WARRANTY

**NOTICE:** Obtain the applicable **LIMITED WARRANTY** at [www.quikrete.com/product-warranty](http://www.quikrete.com/product-warranty) or send a written request to The Quikrete Companies, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA. Manufactured by or under the authority of The Quikrete Companies, LLC. © 2022 Quikrete International, Inc.