



MASONS SUPPLY COMPANY

OREGON

WASHINGTON

MASCOSET-C

DESCRIPTION

MASCOSET-C is an accelerator for portland cement. MASCOSET-C is supplied as a clear liquid, which contains calcium chloride. MASCOSET-C may be used with standard or high-early-strength portland cement. It produces fast-setting concrete and mortar for patching, topping, dry-pack mortar and grout.

FEATURES AND BENEFITS

- Initial set of portland cement can be accelerated.
- Early strengths are increased.

SURFACE PREPARATION

Surface must be structurally sound. Remove all deteriorated concrete, dirt, oil, grease, curing compounds, coatings and all bond-inhibiting materials from surface. New concrete and masonry surfaces must be cured 28 days. Preparation work should be done by high pressure water blast, scabber, or other appropriate mechanical means to obtain an exposed aggregate surface with a minimum surface profile of $\pm 1/16$ inch. Saturate surface with clean water. Substrate should be saturated surface dry (SSD) with no standing water during application. Follow the surface preparation directions for the product in which MASCOSET-C is being used as an admixture.

MIXING INSTRUCTIONS

You may add MASCOSET-C either to the gauging water or to the wet mix immediately before placing. In either case, however, concrete must be discharged immediately after addition and sufficient mixing time. In cold weather, first premix sand, stone, cement, and water. Thoroughly mix all ingredients. Then add the proper amount of MASCOSET-C, continue to mix for 2-3 min, and discharge immediately.

MIXING RATIO

MASCOSET-C dosage rate for 1% is one quart per 100 lbs. of cement. Dosage rate for 2% is 2 quarts per 100 lbs. of cement. NOTE: Due to the many variables encountered in concrete placements, insist that trial mixes be made with the same materials as on the actual project. Field conditions should be simulated as closely as possible to determine the correct proportions of MASCOSET-C in order to provide desired setting time and strength development.

CURING

Cold Weather: In order to achieve the proper acceleration of setting time, the initial concrete mix temperature must be at 75°F or above. If placing concrete in cold environment or outdoors at temperatures below 60° F, cover the newly placed concrete with insulating blankets to achieve maximum acceleration. Refer to ACI 306R Cold Weather Concreting for more information.

COMPLIANCES

Meets ASTM C-494, Type C.

CAUTIONS

Not recommended for prestressed concrete. Not recommended for concrete containing window frames or embedded aluminum conduit. Not recommended for concrete to be placed on galvanized metal-pan flooring systems. Not recommended for concrete exposed to sea water. Not recommended for concrete or masonry where potential corrosion can occur from embedded steel items. Not recommended for colored concrete or mortar. May cause concrete discoloration.

PACKAGING

1-gal. pail, 5-gal. pail and 55-gal. drum

Storage: 40-85°F

Protect from freezing.

Shelf Life: 1 year, unopened, protected storage.

Freight Class: Class 55.

DOT/UN Shipping Name: Non-regulated

DOT Hazard Class: Non-regulated

Shipping Name: Non-regulated

HAZARDS IDENTIFICATION

Inhalation of mist may cause irritation of the respiratory tract. Exposure to mist or liquid may cause irritation to the skin. Mist and liquid may cause irritation to the eyes. Ingestion may cause nausea, vomiting, and abdominal distress.

FIRST AID

For eye contact, immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get medical attention. For skin contact, wash

thoroughly with soap and water. Wash clothing before reuse. If irritation occurs, get medical attention. If symptoms develop due to inhalation, get person out of contaminated area to fresh air. For ingestion, never give anything by mouth to an unconscious person. Have patient drink several glasses of water, then induce vomiting by having patient tickle back of throat with finger. Keep airway clear. Get medical attention immediately.

CLEANUP INSTRUCTIONS

Dispose of according to applicable local regulations. Get protective equipment. Contain spill and pump into marked containers.

TECHNICAL SERVICE

For application procedures or surface conditions not specified above, please contact:

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