

CHEMCRETE ME2

Chemcrete ME2 is a plasticising/air-entraining admixture for mortar, based on synthetic surfactants. It has been designed to produce a small, stable bubble matrix that improves workability and frost resistance of ready mixed mortars while reducing bleed. Chemcrete ME2 is generally used in conjunction with Chemcrete MR1 to provide masonry mortars for laying that remain workable for up to 48hrs (depending on the dosage of Chemcrete MR1).

BS EN 934-3: T2
LOW DOSAGE
SEGREGATION AND BLEEDING REDUCED
IMPROVED FREEZE-THAW RESISTANCE
SUITABLE FOR ALL BUILDING MORTARS
MORTAR REMAINS USEABLE FOR UP TO 48HRS
WHEN USED IN CONJUNCTION WITH CHEMCRETE
MR1

TECHNICAL INFORMATION

FORM: Liquid

COLOUR: Brown

S.G.: ~1.02g/ml

pH: ~7.5

SOLIDS: 12% w/w

ASH: 2.4% w/w

CHLORIDE CONTENT: < 0.1% w/w

Na₂O EQUIVALENT: 1.0% w/w

SO₃ EQUIVALENT: < 0.4%

FREEZING POINT: 0°C

DOSAGE: Typically 0.15 - 0.45L per 100kg cement.

DIRECTIONS FOR USE:

DOSAGE

Chemcrete ME2 is recommended for use at a rate of 0.15 - 0.45L per 100kg of cement. Dosage rates to achieve the desired workability will depend on the class of mortar, ambient temperatures, sand quality and cement type. A thorough mixing of the mortar is essential. Mixing should continue until a uniform consistency is achieved. For advice, contact Larsen Technical Department.

DISPENSING

Chemcrete ME2 should be dispensed into the mixer with the gauging water. It should never be added to the dry cement. It should be dispensed separately to Chemcrete MR1.

COMPATIBILITY

Chemcrete ME2 can be used with all types of Portland Cements. Some cements or pozzolanic materials may require increased dosages. It is also compatible with other admixtures. When used in conjunction with other admixtures, each must be dispensed separately into the concrete mix.

GENERAL

Fresh mortar must be contained in non-porous containers or similar, a layer of water placed on top in order to prevent drying out, and the storage containers covered with polythene. Protect the materials from frost. Dampen down bricks and blocks prior to use. Sands for masonry mortars must be evaluated for their suitability for retarded mortars. Sands containing a high silt content may not be suitable. Trial mixes must be carried out to ascertain optimum working dosages. The effects of retardation are negligible when the mortar is applied as suction from the brick/block initiates the setting of the mortar. As such, careful attention should be paid when using wet blocks or low porosity bricks.

OVERDOSAGE

Severe overdosage can cause extensive air entrainment.

STORAGE

This product must be stored in closed containers protected from extremes of temperature. If the product has frozen, thaw at temperatures above +4°C and reconstitute by mechanical agitation only and carry out trials to ensure suitability for continued use.

SHELF LIFE

12 months in unopened manufacturer's containers.

PACKAGING

Chemcrete ME2 is supplied in 25L, 200L and bulk if required.