LARSEN

TECHNICAL DATA SHEET

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CHEMCRETE C300 RANGE

Chemcrete C300 is a range of combined water reducing and air entraining admixtures for concrete. The combined effect is varied on a scale of C301 to C309, the last digit denoting the approximate air value achieved in 75mm slump concrete using local cements, (i.e. Chemcrete C305 gives approximately 4-5% air entrainment). However, the combined water reduction means that the loss of strength due to air entrainment is greatly reduced.

TECHNICAL INFORMATION

FORM: Liquid

COLOUR: Brown

SPECIFIC GRAVITY: Circa 1.16

pH: Circa 4.5

CHLORIDE CONTENT: Nil to 0.1% $^{w}/_{w}$

EQUIVALENT Na_2O: 0.087% (C303)
0.092% (C305)

FREEZING POINT: -2°C

REDUCE MIX WATER BY UP TO 15%
SEGREGATION AND BLEEDING REDUCED
AIR ENTRAINMENT WITH LOWER STRENGTH LOSS
IMPROVED FREEZE-THAW RESISTANCE
IDEAL FOR PAVEMENT QUALITY CONCRETE

DIRECTIONS FOR USE:

DOSAGE
Chemcrete C300 Range are normally used at 0.3% - 0.6% by weight of cement. Trial mixes should be carried out to determine the optimum dosage rate. Checks on the entrained air content should be made daily with a pressure type air meter and the dosage adjusted to keep the air content within the required limits. For advice, contact our Technical Department.

DISPENSING
Chemcrete C300 Range should be dispensed into the mixer with the gauging water. It should never be added to the dry cement.

COMPATIBILITY
Chemcrete C300 Range can be used with all types of Portland cement. It can also be used with other admixtures. When used in conjunction with other admixtures each must be dispensed separately into the concrete mix. Please consult our Technical Department.

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.

SHELF LIFE
12 months in unopened manufacturer's containers.

PACKAGING
Chemcrete C300 Range is supplied in 25L, 200L and bulk, if required.

For further information consult our Technical Department
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www.larsenbuildingproducts.com