



DOMYLCO
Construction Chemicals

Construction-Chemicals

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Concrete & Mortar Admixtures

CHEM AER

CONCRETE ADMIXTURE - AIR ENTRAINING

Category: Concrete & Mortar Admixtures

DESCRIPTION

CHEM AER is an air entraining liquid concentrate, ready for use. It complies with EN 934-2 Table 5.

USE

CHEM AER added to the fresh concrete improves the durability of the concrete against frost and deicing salts by entraining large numbers of correctly sized voids into it. It is suitable for the construction of highways, dams, airport runways, power stations, etc., in periods of low temperatures.

ADVANTAGES

- It increases the workability, while reducing the necessary water amount.
- It reduces the risk of segregation in transit.
- It decreases water permeability.
- It does not affect the setting time.

INSTRUCTIONS

Dosage: From 0.03 to 0.06% on cement weight (from 30 gr to 60 gr per 100 kg of cement). The dosage depends on the aggregates grading the grade and proportion of sand, the W/C ratio, the cement fineness and quantity per m³, the temperature etc. In order to determine the exact dosage, on-site tests are recommended. The usual desired air content varies from 3 to 6%.

CHEM AER is added to the mixing water prior to its addition to the aggregates, or directly into the mix. We recommend frequent control of the amount of entrained air.

USEFUL DATA

Packaging: IBCs of 1000 kg, drums of 200 kg, containers of 20 kg.

Shelf life: At least 6 months in the original sealed containers at a cool spot. If frozen, it can be defrosted at low temperature (30°C) under continuous stirring and used without problem.

CHEM AER is compatible with the range of admixtures offered by our company.