



LayAir

Concrete and Mortar Air Entraining Agent ASTM C-260

PRODUCT DESCRIPTION: LayAir is aerating and plasticizing agent for mortars and concrete. It introduces into the mixture, an enormous quantity of air bubbles that improves notably the mortars and concrete resistance against frost and thaw cycles, improves the smoothness, cohesion, workability, reduces the hydraulic shrinking, and the segregation and bleeding. LayAir is soluble in water and completely free from chlorides and therefore harmless for the reinforcement and for the metallic reinforcement. It conforms to ASTM C-260.

USES: LayAir is used for most kinds of concrete such as regular, precast, prestressed, and concrete for dams, roads and for the mortars, where a good resistance against frost and thaw cycles and against the chemical attack and sea water, sulphates, etc. is necessary.

LIMITATIONS: Do not overdose.

COMPOSITIONS AND MATERIALS: is an aqueous solution of modified sulfonates. It does not contain calcium chloride.

PACKAGING: Packed in 200 kg Drums.

TECHNICAL DATA: LayAir introduces 5% air bubbles into the concrete or mortar. The bubbles also act as lubricating particles to the concrete thus, acting as ball bearings. LayAir does not affect the initial or final setting time. Concrete mix shall be designed in accordance with the Standard Recommended Practice for Selecting Proportions of Concrete, ACI 211. Adjust the slump to 15 cm.

Dose: Excellent results are obtained using addition rates of 150 to 200 mL of LayAir per 100 kg of cement. In some cases it may be necessary to adjust the dose due to cement, aggregates or job site conditions.

Mixing: Admixture is supplied ready to use. No mixing is required at job site.

Addition: Dispense using automatic equipment or manual addition. Add to the concrete mix water.

Precautions: This product is a mild irritant. Avoid contact with skin. In case of contact wash thoroughly with water. For eyes, get medical attention. Keep out of reach of children. It is non-flammable.

Cleaning: In case of spill wash with water.

Storage Life: One year if stored in cool location. Close partially used containers tightly.

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