



LayTard

Concrete Retarder ASTM C494 Type B

PRODUCT DESCRIPTION: LayTard is an aqueous chemical admixture that delays the setting time of concrete without affecting strength. It is manufactured under rigid control that provides uniform, predictable performance. It is supplied as a dark brown, low viscosity liquid, ready to use as received.

USES: LayTard is used in Ready mix, Precast, block and other paver and job site plants especially during hot weather or when the initial setting time of concrete need to be delayed by 2 to 4 hours due to long trips by the transit mixer.

LIMITATIONS: Do not overdose. Do not allow to freeze.

COMPOSITIONS AND MATERIALS: is an aqueous solution of modified Naphthalene sulfonates containing a retarder and a catalyst which promotes more complete hydration of portland cement. It does not contain calcium chloride.

PACKAGING: Packed in 200 kg Drums.

TECHNICAL DATA: As a retarder, LayTard delays the setting of the concrete to allow more vibration, compaction and smoothing time. Permeability and strength are improved without affecting workability. Adding a suitable air entraining agent can improve the overall properties of the concrete and allow water reduction of 20%. However, each admixture must be added separately to the mix. Concrete mix shall be designed in accordance with the Standard Recommended Practice for Selecting Proportions of Concrete, ACI 211.

Dose: Excellent results are obtained using addition rates of 100 to 500 mL of LayTard 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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