



LayCorr

Corrosion Inhibitor ASTM C494 Type C

PRODUCT DESCRIPTION: LayCorr corrosion inhibitor is a liquid admixture that is added to concrete to inhibit the corrosive action of chlorides on embedded steel reinforcement. It also promotes strength development of the concrete while meeting ASTM C 494 requirements as a Type C admixture.

USES: LayCorr is used in Ready mix concrete, bridges, columns, and Precast, etc...

ADVANTAGES: LayCorr increases the service life of concrete and increases the early strength of a concrete mixture and may have an accelerating action on setting time. These effects become more pronounced as the addition rate rises. Control of setting time can be achieved

LIMITATIONS: LayCorr is compatible with most types of admixtures. However, each admixture must be added independently to achieve the desired performance.

COMPOSITIONS AND MATERIALS: is an aqueous solution that contains a minimum of 30% calcium nitrite.

PACKAGING: Packed in 200 Kg Drums.

TECHNICAL DATA: By chemically reacting with the reinforcing, a barrier is formed which prevents chloride penetration. Corrosion initiation is delayed and corrosion rates are kept under control. Once corrosion has been inhibited, physical disruption of the concrete due to rust.

Dose: Recommended addition rates range from 10 to 30 L/m³. The level of corrosion protection increases in proportion to the dosage. The projects specification will indicate the addition rate.

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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