



LayShot

Shotcrete Admixture

PRODUCT DESCRIPTION: LayShot is a liquid accelerator that is used for wet process shotcrete applications.

USES: LayShot is used in new and maintenance jobs of resurfacing tunnels, consolidating damaged structure and quick wall facing jobs.

LIMITATIONS: Used strictly as specified.

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

PACKAGING: Packed in 200 kg Drums.

TECHNICAL DATA: LayShot provides greater economy due to rebound reduction increases the compressive strength, improves adhesion strength, improves waterproofing and anti-dusting. Initial set is 2 minutes. It is non-corrosive to embedded metals. - Appropriate size for aggregate is under 15mm and fresh cement is necessary. The quality of shotcrete is influenced by the temperature, slump, thickness and W/C. So, one should adjust it to the site conditions through the test. Cold cement and sand or a very cold surface or cold water can slow down setting. - Old cement also retards setting and hardening.

Dose: Optimum results are obtained using addition ratio of 8-15% on weight of cement.

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

Addition: Dispense using automatic shotcrete equipment.

Precautions: This product is highly alkaline. Wear protective clothing and face mask. Avoid contact with skin. In case of contact, wash thoroughly with water. For eyes, get immediate 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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Ver. 1/2004