



ISO 9001:2000

CICO SHOT- LP100

Gunite & Shotcrete Accelerator - Modified Liquid Silicate Accelerator for Shotcrete & Gunite

DESCRIPTION : CICO SHOT-LP 100 is a quick setting and waterproofing compound available in liquid form for use with sprayed concrete or gunite.

USES : CICO SHOT-LP 100 is used for sprayed concrete and mortar in galleries and tunnels, for retaining walls, embankment and tank linings etc. CICO SHOT-LP 100 admixed mortar sets rapidly, hence, quick placing of the wet mortar is essential.

ADVANTAGES :

- * Allows spraying to take place even on wet surface subject to slight infiltration.
- * Speeds the work and contributes to good water-tightness of the sprayed concrete linings.
- * Improves overhead spraying and reduces rebound.
- * Does not contain any chlorides or nitrates and will not corrode steel.

PROPERTIES :

Form : Liquid

Colour : Colourless (clear)

Specific Gravity : 1.40 ± 0.04

Consistency : CICO SHOT-LP 100 is formulated from modified silicate materials and is manufactured under controlled conditions to give a consistent product.

Handling : CICO SHOT-LP 100 is formulated from chemicals which present no fire or health hazards.

STORAGE : If stored in undamaged sealed containers, in dry condition at normal ambient temperatures, a shelf-life of 12 months can be expected.

METHOD OF USE : **CICO SHOT-LP100** may be used with either the "Wet" or "Dry" mix shotcrete process at an average of 3% to 7% by weight of cement. Increased dosage may be required for "Flash Set". Dosing upto 10% is permissible depending upon site requirement.

RATE OF ADDITION : The optimum dosage should be determined by site trials. As guide the rate of addition is generally in the range of:

With 5% Initial setting time 20 minutes

With 5% Final setting time 50 minutes

PACKING : **CICO SHOT-LP100** is available in 25 & 250 Kg drums

PRODUCT INFORMATION : Although the basic formulation of our products generally remains unchanged, production refinements arising from continuing research and evaluation programe may occasionally result in marginal changes in properties.

TECHNICAL SERVICE

- * **CICO** maintains a technical division with highly qualified Technical Personnel to investigate and advise on subjects related to concrete and the construction industry. The Division will advice on the correct use and selection of right products at the right place.
- * **CICO** undertakes Consultancy Service for diagnosis and rehabilitation of distressed structures
- * **CICO** undertakes jobs as a package for total waterproofing system with guarantee

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