



ISO 9001:2000

CICO SHOT L-100

Modified Liquid Silicate Accelerator For Shotcrete & Guniting

- DESCRIPTION** : CICO SHOT L-100 is a quick setting and waterproofing compound available in liquid form for use with sprayed concrete or guniting.
- USES** : CICO SHOT L-100 is used for sprayed concrete and mortar in galleries and tunnels, for retaining walls, embankment and tank linings etc. CICO SHOT L-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 infiltrations.
 - * 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.
- PROPERTIES** :
- Form** : Liquid
- Colour** : Colourless(clear)
- Consistency** : CICO SHOT L-100 is formulated from modified silicate materials and is manufactured under controlled conditions to give a consistent product.
- Handling** : CICO SHOT L-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 L-100 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 a guide the rate of addition is generally in the range of

*Dosage of CICO SHOT L100 by weight of cement	Initial Gelttime,seconds
3%	50
5%	45
7%	35

*The above results are based on Gilmore Test using Ordinary Portland Cement.

PACKING

: **CICO SHOT L-100** is available in 250 & 25 kg drums.

**PRODUCT
INFORMATION**

: Although the basic formulation of our products generally remains unchanged, production refinements arising from continuing research and evaluation programme 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 advise 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

CICO TECHNOLOGIES LIMITED

Tel.No: 91-11-4050 9400

Fax No: 91-11-4050 9413

E-Mail: cicotech@cicogroup.com

Web Site:www.cicogroup.com