



ISO 9001:2000

CICO SHOT L-AF

Alkali Free Liquid Accelerator for Sprayed Concrete & Mortars

DESCRIPTION	: CICO SHOT L-AF is completely alkali free set accelerator available in liquid form for use with sprayed concrete for guniting, shortcreting etc.
USAGE	: CICO SHOT L-AF is used for sprayed concrete and mortar in galleries, tunnels, retaining walls, embankments, tank lining etc. Cement mortar admixed with CICO SHOT L-AF sets rapidly, hence quick placing of wet mortar is required.
ADVANTAGES	: <ul style="list-style-type: none">i) As it is completely alkali free admixture, it does not encourage alkali aggregate reaction in the concrete; hence enhancing soundness of the concrete.ii) Speeds up the work and contributes to good water tightness of the sprayed concrete lining.iii) Improves overhead spray and reduces rebound.iv) Does not contain any chlorides, which causes corrosion of steel.v) Develops early high strength.
PROPERTIES	:
Form	: Liquid
Colour	: Colourless (Clear)
Specific Gravity	: 1.28 ± 0.03
Consistency	: CICO SHOT L-AF is formulated with selective alkali free ingredients and is manufactured under controlled conditions to give a consistent product.
Handling	: CICO SHOT L-AF is formulated from chemicals which has no fire or health hazard.
STORAGE	: If stored in undamaged sealed containers in dry condition at normal ambient temperatures, a shelf-life of 12 months can be expected.
DOSAGE	: The optimum dosage should be determined by site trials. As a guide, the rate of addition is done in the range of:

Dosage of CICO SHOT L-AF by weight of cement	Setting Time		Ambient Temperature	Relative Humidity
	Initial Setting	Final Setting		
At 4%	2 Min. 50 Sec.	11 Min. 45 Sec.	33 Deg. C	64%
At 6%	2 Min. 45 Sec.	11 Min. 40 Sec.	25 Deg. C	50%
At 8%	2 Min. 50 Sec.	11 Min. 40 Sec.	18 Deg. C	62%

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

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

TECHNICAL SERVICES:

- * **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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