



CICO SHOT L-100

Modified Liquid Silicate Accelerator for Shotcrete & Gunite

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

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/concrete 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.

PROPERTIES

Form	Liquid
Colour	Colorless (Clear)
Specific Gravity	1.35 ±0.03
pH Value	>11
Shelf Life	12 months

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 L-100 by weight of cement	Initial Geltime, seconds
3%	50
5%	45
7%	35

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



PACKING

CICO SHOT L-100 is available in 250 kg drums.

Important Note:

All CICO products are sold in the market after strict Quality Control in line of ISO 9001 and guaranteed against any manufacturing defect. Although the basic formulation of Company's products generally remains unchanged, production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties. CICO aspires to ensure that any recommendation, advice, test data, specification, method statement and other information given in this product datasheet is accurate and best of company's knowledge. Since, the company (CICO TECHNOLOGIES LTD) has no control over the selection of its product, applicators, application methodology, how and where it is applied, therefore, the company cannot accept any liability directly or indirectly arising from the use of its product. It is important to any customer, user or specifier satisfies him / herself that the product is suitable for the intended purpose including health, safety and environmental aspect. Unless or otherwise agreed in writing, all products of the company are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. All customers, users, specifiers should ensure that they examine the suitability of the product with company's latest product data sheet.

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