



ISO 9001:2000

# CICO ACRYL

An Acrylic Latex Integral Waterproofer for Concrete & Mortar

<b>DESCRIPTION</b>	:	An acrylic latex liquid combining a water reducing agent to produce dense waterproof concrete and mortar.
<b>USES</b>	:	<ul style="list-style-type: none"><li>* For cement concrete in walls &amp; floors.</li><li>* Pre-cast panels, tanks and reservoirs.</li><li>* Cement mortar, plaster and waterproofing treatments.</li></ul>
<b>FEATURES</b>	:	<ul style="list-style-type: none"><li>* Reduces amount of mixing water.</li><li>* Increases plastic workability.</li><li>* Allows normal setting and curing.</li><li>* Reduces shrinkage.</li><li>* Promotes increased density.</li><li>* Minimizes capillary water movement.</li><li>* Lowers permeability.</li><li>* Promotes high strength.</li><li>* Waterproofs integrally.</li></ul>
<b>SPECIFICATION</b>	:	All concrete and mortar to be waterproofed shall be of sound design and shall be integrally waterproofed by the addition of <b>CICO ACRYL</b> and used in strict accordance with the printed instructions.
<b>APPLICATION</b>	:	<p><b>GENERAL:</b> Components of <b>CICO ACRYL</b> react directly with the free lime released in the hydration process of the portland cement resulting in a highly water repellent substance which is deposited through the concrete/cement matrix. The presence of this integrally contained compound resists and reverses the normal tendency of hardened concrete to absorb water by capillary action.</p> <p><b>FOR CONCRETE:</b> <b>CICO ACRYL</b> is added at the rate of 1 kg per 50 kg of cement. The addition may be made direct into the batch mixer. Accurate hand mixing is satisfactory, but in the case of large operations such as ready mix batching plants automatic dispensers are recommended.</p> <p><b>CICO ACRYL</b> disperses rapidly in water and may be premixed with the required amount of mixing water for each batch, if required.</p> <p><b>WARNING:</b> Use <b>CICO ACRYL</b> with other admixtures such as water reducing and air entraining agents after testing slump, strength etc.</p> <p><b>FOR MORTAR &amp; PLASTER:</b> The rate of use for mortar and plaster is 1 kg <b>CICO ACRYL</b> for each bag of 50 kg cement or cement/lime.</p>

<b>TECHNICAL DATA</b>	:	
Flash Point	:	Not applicable
Specific Gravity	:	1.2
Thinning	:	Not applicable
Coverage/Dosage	:	Concrete: 1kg per 50 kg of cement.
Rate	:	Mortar: 1 kg per 50 kg of cement or cement/lime
Toxicity	:	Non-toxic
<b>SHELF LIFE</b>	:	Twelve months if kept unopened.
<b>HEALTH &amp; SAFETY</b>	:	Avoid contact with eyes
<b>STORAGE</b>	:	Keep it in a cool place
<b>PACKAGING</b>	:	Available in 5 Kg, & 20 Kg container.
<b>PRODUCT INFORMATION</b>	:	Although the basic formulation of our products generally remain unchanged, production refinements arising from continuing research and evaluation program may occasionally results 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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## **CICO TECHNOLOGIES LIMITED**

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