



ISO 9001:2000

# CICO NON-SHRINK POLYMERIC WATERPROOF GROUTING COMPOUND

<b>DESCRIPTION</b>	:	<b>CICO NON-SHRINK POLYMERIC WATERPROOF GROUTING COMPOUND</b> , is specially formulated hydrogen free grouting aid. It is a free flooring powder for addition to neat cement milk. It plasticises the mix allowing for substantial reduction in water content without effecting the fluidity, thus improving the strength and impermeability of the grout. During the setting period of the grout it produces controlled expansion to compensate the normal plastic shrinkage of cement. This ensures complete filling of voids and prevent formation of porous sections. Due to its surface active property and volume increase during reaction, even the smallest cracks and pores can be impregnated.
<b>USES</b>	:	<ul style="list-style-type: none"><li>* <b>CICO NON-SHRINK POLYMERIC WATERPROOF GROUTING COMPOUND</b> is used as an admixture for injection grouting to effectively waterproof and stop leaks in underground structures, basements, tunnels, liftwells, retaining walls, dams, water reservoirs, pressure ducts and other water retaining structures.</li><li>* It is also recommended for grouting pre-stressed members and wherever a non-settling, non-bleeding, expanding grout is required.</li></ul>
<b>METHOD OF USE</b>	:	<b>CICO NON-SHRINK POLYMERIC WATERPROOF GROUTING COMPOUND</b> is admixed with neat cement milk of suitable consistency and injected under pressure preferably by a positive displacement pump through nozzles. The surface of the concrete/rock should be properly sealed/patched to prevent the grout from coming out. <b>CICO NON-SHRINK POLYMERIC WATERPROOF GROUTING COMPOUND</b> should be mixed uniformly with dry cement.
<b>DOSAGE</b>	:	The rate of addition varies from 0.5% - 2% by weight of dry cement. The optimum dosage depends on the nature of the work
<b>TECHNICAL DATA</b>	:	
<b>FORM</b>	:	Free flowing powder
<b>COLOUR</b>	:	Off white
<b>COMPATIBILITY</b>	:	Can be used with all types of Portland and Slag cements including sulphate resisting cement.
<b>CONSISTENCY</b>	:	<b>CICO NON-SHRINK POLYMERIC WATERPROOF GROUTING COMPOUND</b> is formulated from carefully selected raw materials and is manufactured under control conditions to give a consistent product.
<b>HANDLING</b>	:	<b>CICO NON-SHRINK POLYMERIC WATERPROOF GROUTING COMPOUND</b> is formulated from chemicals which present no fire or health hazards
<b>STORAGE</b>	:	If stored in unopened containers at normal ambient temperatures, a shelf life of approximately 12 months could be expected.
<b>PACKAGING</b>	:	Available in 5 Kg, & 25 Kg bags.

**PRODUCT INFORMATION** : 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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