

CICO REPOCEM AQUAPLUG

INSTANT SETTING WATER PLUG

CICO Repocem Aquaplug is fast setting hydraulic cement based water plugging compound. Aquaplug is a dry powder ready to use mixed with water, it sets in 3-5 minute, although it set to leak in place even under constant water flow, and can be applied under water.

USAGE

It is used as a rapid setting plugging and patching mortar for instant repair of leakages in concrete /masonry structures in combination with water.

It is used as a plugging mortar for fixing nozzle /grouting ports during grouting Operations.

ADVANTAGES

- Requires only water for quick setting
- Setting and strength development is quick to prevent washing away of mortar by running water.
- Prevents water loss
- Non – toxic and chloride free.
- Thermal co-efficient is similar to concrete
- Rapid setting that will effect minimum disturbance to traffic

APPLICATION PROCEDURE

CICO REPOCEM Aquaplug is ready for use, requiring only the addition of water. Before placement the surface should be thoroughly cleaned and wet. Care must be taken to ensure that grease and oil are removed. Mix for a short time, and then add the balance quantity of mixing water. Proceed to mix for about 60 seconds. Mixing should be homogenous then Strike off the surface to the correct level and Finish with a steel trowel for finishing of surface. Apply with gloved hand or trowel to clean and sound substrate.

STORAGE

Stored in undamaged sealed HDPE bags in dry condition at normal ambient temperatures.

TECHNICAL DATA

Appearance & Color	Grey Colored Powder
Mixing Ratio	20 to 25 % water by weight of powder
Setting time at 27°C	Max. 5 minutes
Compressive strength at 30°C after 3 hours (N/mm²)	≥ 5
After 28 days (N/mm²)	≥. 30
Free chloride content as Cl⁻, % (w/w)	<0.1
Shelf Life	6 months

PRECAUTION

Use only on cementitious substrate. Hand glove to be used during application

STORAGE

Stored in undamaged sealed containers in dry condition at normal ambient temperatures.

PACKING

CICO REPOCEM AQUAPLUG is available in 1 & 5 Kg.

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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