



**Green Build
Egypt**
Experience and Innovation

GBADDIPLUG

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“High performance ,Fast Setting· Early Strength waterproofing mortar additive for plugging leakage water in Concrete Structures “

Added Value

GB AddiPlug provides a high performance cement and mortar additive which is specially designed for water leakage plugging to provide high performance and waterproof plugging in all water containing concrete structures and basements.

Application, Dosage ,and Packing

GB AddiPlug Added to cement only or cement and sand mortar mixtures without water, only the additive.

Dosage is depending on the fastness of setting and the site needs starting from 1/2 of cement to 1.5 amount of cement in the mixture.

Supplied in 30, 250, and 1200 Kg. plastic packs.

Product Specifications

- **GB AddiPlug** is a reddish transparent viscous liquid.
- Specific Gravity 1.35 -1.4@20° C.
- PH: 10 - 12
- Setting time: 10 - 30 seconds.
- Does not contain any harmful material
- Valid for 2 years from the production date.



GB AddiPlug Features.

 Many water containing structures and basements suffer from water leakage .

 The need for a fast setting, strong, and waterproofing mortar is of great importance to stop the leakage and waterproof the whole surface.

 **GB AddiPlug** offers the ideal solution for this challenge , it is a liquid material easy to mix with mortar mix or cement only , to get a very fast setting plugging mortar which is blocking very fast the water leakage.

 **GB AddiPlug** nature is liquid, with long shelf life to ensure the availability of the product in the projects without any logistics problems.

 **GB AddiPlug** is mixed very easily to cement, and cement mortars, providing waterproof solution for water leakage.

 **GB AddiPlug** when mixed and applied properly harden in 10-30 seconds.

Application Fields

- To accelerate the setting of cement.
- To stop running water.
- For rapid repair.
- In all water structures where the water leakage occurs.
- In the process of basement waterproofing.

Cleaning

- Any remains or spillage of **GB AddiPlug** can be removed with water.

Health and Safety

- **GB AddiPlug** is neither a toxic nor flammable product.
- It is preferred to wear gloves while using the material since it is alkaline material and may cause irritation for skin.
- In case of contact with eye wash with plenty of water and ask for medical assistance.

Storage and Shelf life

- Store the unopened packs in dry and shaded conditions away from extreme temperatures

Shelf Life

- The material is valid for use for 2 years from the production date printed on the packs provided right storage conditions

Application Guide:

- Prepare the surface to apply the plugging to it by removing loose materials from sides ensuring a good key for plugging mortar is created.

- Mix an equal amount of cement and sand (sometimes cement only used for this application), and then add from 1/2 up to 1.5 of the mortar weight of **GB AddiPlug** to the mortar mix and mix vigorously very fast until getting homogenous mortar mixture.

- Apply firmly and strongly the mortar mix to the leakage area and hold it by pressing it firmly and strongly until the feeling of heat of setting starts and the mortar is set and strong.



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