



**Green Build
Egypt**
Experience and Innovation

GPROOF

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Acrylic modified waterproofing system to protect structural surfaces such as concrete, cement and bricks

Added Value

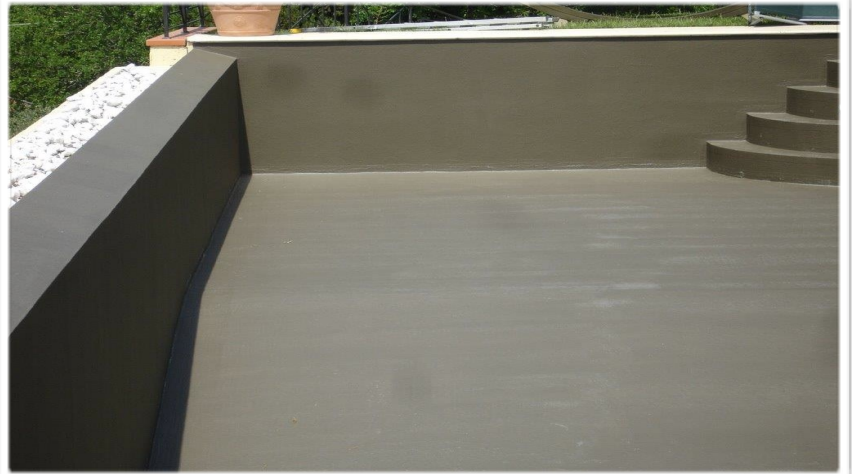
GProof is the product that provides an easy and economic waterproofing method for concrete surfaces against water leakage with superior adhesion and elasticity properties covering surface cracks occurring in concrete up to 0.5 mm, giving continuity to waterproofing even with cracks.

Economic And Easy to Apply

- **GProof** is applied with a wide brush or roller very easily enabling it penetrates the vertical and horizontal pores.
- The package weight is 25 kg equals 17 liters; covering 17 meters for one face thickness of 1 mm. always recommend 2 applied coats of 1 mm for each.

Product Specifications

- White liquid in plastic can, gray or white powder in double layers bags.
- Density: 1.5 for the mixture product.
- PH: 10 - 11.
- Bond strength: 1.8 N / mm.(ASTM-C1042/85 - C-321)
- Covers surface cracks up to 0.5 mm.
- Water Resistance : W3.
- UV Resistance 100 hours: Passed.
- Alkali Resistance: Passed.
- Valid for 1 year in unopened containers.



GProof Features.

 **Waterproofing product, cement-based, modified with special weather and sun resistant acrylic polymer.**

 **Supplied in the form of two components; containing special cement mixture modified with the latest and most powerful materials to improve the mechanical properties of the cement mixture (20 kg), and a plastic can containing a polymeric mix of water-resistant acrylic and to the various weather factors, known for the sun and ultraviolet radiation, which destroys most of the other waterproofing systems (5 kg).**

 **GProof** is easy to mix, and apply without special requirements or complications, like other waterproofing products, the resulting layer of **GProof** application, provides water and weather resistance, The product has the ability to penetrate the various construction surfaces, making **GProof** the perfect choice for waterproofing.



Application Fields

- To waterproof concrete walls for swimming pools before applying ceramic
- To waterproof basements and concrete and structural surfaces under the ground
- To waterproof water tanks for drinking water, fire water and water treatment plants for factories.
- To waterproof bathrooms and kitchens before installing ceramic and porcelain
 - Isolation of water pipes for drinking water and drainage lines.
- Waterproof different surfaces before installing tiles or ceramics
- To preserve the environment, since the basis of a watery substance does not contain solvents or any harmful substances or affect the environment.

Components

-**GProof** contains a special cement mixture in the bag containing a special type of cement for waterproofing, plasticizer, a material to maintain the elasticity and solubility of the slurry resulting from stirring the liquid on the powder (it is preferable to put all the liquid in the bucket pan and then add the powder material gradually with continuous stirring until homogenous mix).

-**GProof** liquid contains a flexible acrylic material that works to close the pores completely and a very high bonding strength on concrete surfaces. When mixed with powder material, high quality water proofing is obtained, highly glued, flexible after full drying, retains flexibility even when exposed to sun and weather conditions.



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