



**Green Build
Egypt**
Experience and Innovation

FLOWCRETE WP

فلوكريت دبليو بي

Waterproofing concrete admixture

Value Added

FlowCrete WP is a water-based product , easy to apply, economic, reduces the porosity of the cement mixtures specially designed for water containing structures, as a primary step of obtaining waterproofing concrete in addition to treating the concrete surface with Acrylic-cementitious waterproofing layers (**GProof ELA**) .

Dosage and Packing

- Adding rate from 0.5 to 1 % to the weight of cement.
- **FlowCrete WP** is supplied in Plastic drums of 150 Lit. or special 1000 lit. tanks.
- **FlowCrete WP** is added to the Concrete mix with the mixing water or preferably after adding the mixing water.

Product Specifications

- **FlowCrete WP** is a viscous brown liquid and does not contain any lumps.
- Specific Gravity : 1.13 @ 20°C .
- PH value: 8-9
- Does not contain any harmful or poisonous materials, and water-based.
- Valid for one year from production date on the pack.



FlowCrete WP

-**FlowCrete WP** offers the convenient admixture product for the different needs of waterproofing concrete.

-It enhances the compaction of concrete by improving the workability and reduces the air voids of concrete matrix, which in turn increasing the density of concrete, and reducing the capability of concrete to absorb water from the environment.

Application Fields

- **FlowCrete WP** is used in the production of all types of concretes for water structures
- Swimming pools, water tanks, manholes,
- could be used for submerged concrete as a part of integral waterproofing structures.
- Any application for concrete where a less water taking concrete structure needed.
- **FlowCrete WP** is a GREEN material since it is water based and does not contain any harmful material to the environment.

Contents

- Each pack of **FlowCrete WP** contains the highest and latest technology of plasticisers materials for cement mixtures, to obtain the maximum distribution of cement particles inside the mix enabling the mixing water to react efficiently with the cement producing higher mechanical properties and better physical shape.
- It contains also a special antifoam material to reduce concrete porosity and special additives to react with byproducts of the reaction of cement with water which leading to the reduction of concrete porosity and increasing the concrete density.



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