



FLOWCRETE D2000

فلو كريت دي ٢٠٠٠

Plasticiser, Water-reducing, Retarder and Workability retention Concrete Admixture, Acts as Type D according to ASTM C-494.

Added Value

FlowCrete D2000 provides a high performance concrete admixture which is specially designed for Ready Mix Concrete industry to provide high performance concrete admixture for concrete transported into long distances with controlled, delayed setting time complied with ASTM C494 Type D.

Application, Dosage, and Packing

FlowCrete D2000 Added to concrete mixing water or directly to the batch plant by dispensers

Open addition % starting from 0.5% up to 1.5 % without any excessive retardation on concrete.

Supplied in 20, 200, and 1000 Litres plastic packs.

Product Specifications

- FlowCrete D2000 is a brown viscous liquid.
- Specific Gravity 1.18 @ 20°C.
- PH: 7.5 - 9
- Complies all requirements of ASTM C494 Type D.
- Does not contain any harmful material
- Valid for 1 year from the production date.



FlowCrete D2000.

♦ **FlowCrete D2000** is a high performance liquid concrete plasticizer, providing effective water reduction while producing excellent workability retention properties, approaching the effect of superplasticizer admixture.

♦ **FlowCrete D2000** Improves workability, workability retention and pumping properties.

♦ **FlowCrete D2000** Improves all physical & mechanical properties of fresh and hardened concrete

♦ **FlowCrete D2000** Increases setting times at hot climates and specially designed for hot Middle East climates.

♦ **FlowCrete D2000** Reduces shrinkage, bleeding, segregation and creep.

♦ **FlowCrete D2000** Produces high dense and waterproofing concrete.



Application Fields

- Used for transporting concrete for medium distances in trucks with maintaining the workability .
- For easier concrete pumping in high rise construction.
- Used in concrete mix design with low water cement ratio.
- Used as Type D concrete Admixture in the addition range of 0.5 to 1.5% .
- For getting a more workable concrete in a certain concrete mix design
- For the transportation of concrete for long distances up to 2 hours
- For faster strength gain and de-mould of forms.
- **FlowCrete D2000** is a water-based materials and does not contain any harmful material for both human and environment.
- **FlowCrete D2000** does not contain Lignin for preservation of the environment.

Components:

- Each litre of **FlowCrete D2000** contains a high performance water reducing material (Plasticiser and Super-plasticiser) that effectively reduces the mixing water up to 25 % to get the same workability even in the concrete mixtures with low water/cement ratios.
- Each litre also contains an innovative material extends the workability of the concrete mix without excessive retardation for setting time, as compared to competitive products.



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