



FLOWCRETE FE

فلو كريت إف إي

High performance Concrete Admixture, Complies with all requirements of ASTM C494 Type F

Added Value

FlowCrete FE provides a high performance concrete admixture which is specially designed for ready mix industry to provide an economic Type F admixture that is used in transporting concrete in trucks for short distances, and also could be used safely as re-dosing admixture, without any excessive retardation for concrete mixtures.

Application, Dosage, and Packing

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

Could be also added at the site as a re-dose admixture to restore the workability after slump loss.

Open addition % starting from 0.5% up to 2% without any excessive retardation on concrete.

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

Product Specifications

- FlowCrete FE is a brown viscous liquid.
- Specific Gravity 1.18 @ 20 degree C.
- PH: 9.5 - 10
- Complies all requirements of ASTM C494 Type F
- Does not contain any harmful material



FlowCrete FE

✦ The ready mixed concrete industry has been developed during the past 2 decades to provide great solutions for the variety of applications in construction industry.

✦ The ready mix concrete industry needs an admixture which provide high flowability concrete in a low water/ cement ratio, and high early and ultimate strengths.

✦ **FlowCrete FE** provides all these criteria with an economic price.

✦ **FlowCrete FE** does not affect setting time of concrete even at high dosage reaching 2% of the weight of cement.

✦ **FlowCrete FE** is an innovative still economic solution for ready mix industry provide both high quality re-dosing admixture and economic cost per cubic meter of concrete.

✦ **FlowCrete FE** is suitable for both self compacted, high performance and normal workability concrete types.



Application Fields

- Used in concrete pipe production.
- Used as a re-dose admixture in case of losing workability in ready mix concrete industry.
- For production of underground segments
- For production of precast products using self compacted concrete.
- For faster production of precast units by using steam curing techniques.
- Could be used for production of Tiles and Interlock units gray and colored.
- For production of prestressed concrete units.
- For faster loading of precast units
- **FlowCrete FE** is a water-based materials and does not contain any harmful material for both human and environment

Components:

- Each liter of **FlowCrete FE** contains a high performance water reducing material (Superplasticiser) that effectively reduces the mixing water up to 40 % to get the same workability for a given concrete mixture.
- Each liter also contains an innovative material that accelerates the hardening of concrete in early hours of concrete age and also increases the ultimate strength.



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