



FLOWCRETE HP-FS

فلو كريت إتش بي- إف إس

Fast setting , and Hardening Concrete Admixture, specially designed for precast concrete, For faster production.

Added Value

FlowCrete HP-FS provides a high performance concrete admixture which is specially designed for precast industry to higher production rate via fastening the setting and hardening of concrete, It contains the best accelerating additives which is chloride free accelerator and high performance superplasticiser materials .

Application, Dosage, and Packing

FlowCrete HP-FS Added to concrete mixing water or directly to the batch plant by dispensers

Open addition % starting from 0.5% up to 3% without any excessive retardation on concrete.

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

Product Specifications

- FlowCrete HP-FS is a brown viscous liquid.
- Specific Gravity 1.21 @ 20 degree C.
- PH: 9.5 - 10.5
- Complies all requirements of ASTM C494 Type F & C
- Does not contain any harmful material
- Valid for 2 years from the production date.



FlowCrete HP-FS, Product Features:

- ♦ **FlowCrete HP-FS** offers faster production rate and faster de-moulding for precast industry , with workability time very similar to the traditional admixtures in this area.
- ♦ The precast industry needs an admixture which provide high flowability concrete in a low water/cement ratio, and high early and ultimate strengths.
- ♦ **FlowCrete HP-FS** provides all needed criteria for precast production with high production rate.
- ♦ **FlowCrete HP-FS** accelerates the setting time of concrete even at high dosage exceeding 2.5 %.
- ♦ **FlowCrete HP-FS** is an innovative solution for precast industry provide both high quality admixture and economic cost per cubic meter of concrete.
- ♦ Our extensive trails confirmed that a dosage of 2 liters of **FlowCrete HP-FS** equals 1 liter of most of the PC's based admixtures known in concrete admixtures market.
- ♦ **FlowCrete HP-FS** is suitable for both self compacted, high performance and normal workability concrete types.



Application Fields

- Used in concrete pipe production.
- 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 production and loading of precast units
- **FlowCrete HP-FS** is a water-based materials and does not contain any harmful material

Components:

- Each liter of **FlowCrete HP-FS** contains a high performance water reducing material (Superplasticiser) that effectively reduces the mixing water up to 45 % to get the same workability for a given concrete mixture.
- Each liter also contains an innovative material that accelerates the setting and hardening of concrete in early hours of concrete age and also increases the ultimate strength.



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