



FLOWCRETE G360

فلو كريت جي ٣٦٠

Super-plasticiser, Workability retention, and retarder High Performance Concrete Admixture, Acts as Type G according to ASTM C-494

Added Value

FlowCrete G360 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 G.

Application, Dosage, and Packing

FlowCrete G360 Added to concrete mixing water or directly to the batch plant by dispensers.

Open addition % starting from 0.5% up to 2.5% without any excessive retardation on concrete.

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

Product Specifications

- **FlowCrete G360** is a brown viscous liquid.
- Specific Gravity 1.22 @ 20 degree C.
- PH: 8 - 9
- Complies all requirements of ASTM C494 Type G.
- Does not contain any harmful material
- Valid for 1 year from the production date.



FlowCrete G360, Product Features

- ♦ The Ready Mix 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 industry needs an admixture which provide high workable concrete in a low water/cement ratio, and high early and ultimate strengths.
- ♦ **FlowCrete G360** provides all these criteria with high performance effect.
- ♦ **FlowCrete G360** provides only one product in the Batch Plant used in a variety of dosage between 0.5 to 2.5 % (Trail batches should be carried out to determine the best disagree for the specific mix design).
- ♦ **FlowCrete G360** is an innovative solution for Ready Mix industry provide both high quality admixture and economic cost per cubic meter of concrete.
- ♦ **FlowCrete G360** is suitable for all types of concrete, SRC, and OPC based, and for all classes of concrete.



Application Fields

- **Used for transporting concrete for long 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 G concrete Admixture in the addition range of 1.5 to 2.5% .**
- **For getting a more workable concrete in a certain concrete mix design**
- **For the transportation of concrete for long distances up to 2-3 hours (Type F redoes material may be required for restoring back the workability after site arrival)**
- **For faster strength gain and de-mould of forms.**
- **FlowCrete G360 is a water-based materials and does not contain any harmful material for both human and environment.**

Components:

- Each litre of **FlowCrete G360** contains a high performance water reducing material (Superplasticiser) that effectively reduces the mixing water up to 40 % 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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