

FloFill™ P

Flowable Fill Admixture Powder

General Description

Riteks FloFill™ P is a dry powdered material that aids in producing a highly flowable and volume stable flowable fill mixture also known as controlled low strength material (CLSM), controlled density fill (CDF) and low strength mortar (LSM). The use of FloFill P results in improved flowability while reducing the amount of mix water required to obtain a flowable mix.

Riteks FloFill™ P aids in the placement of CLSM by creating a high flowing mix that easily consolidates around structures and efficiently fills voids without the need for additional compaction. The use of FloFill P produces CLSM that is volume stable and less prone to shrinkage. It eliminates segregation, lowers densities and improves pumpability. The use of accelerating admixtures in conjunction with FloFill P can allow for CLSM to gain strength faster.

Features/Advantages

- Produces an extremely fluid material that self compacts and places easily
- Eliminates the costly need to backfill and compact between multiple lifts
- Generates stable air contents - up to 30%
- Helps control ultimate strength development of CLSM to within specified ranges
- Results in significant savings of machine and man hours and is easily dosed on the jobsite
- Produces a stable volume with minimal segregation and bleed
- Pre-measured dry chemical eliminates concerns of leakage and frozen liquid product
- Increases yield up to 30% creating material and delivery savings

Specifications

- ACI 229R (CLSM)
- ASTM D 5971 Practice for Sampling Freshly Mixed Controlled Low Strength Material
- ASTM D 6023 Test Method for Unit Weight, Yield, and Air Content (Gravimetric) of (CLSM)
- ASTM D 6103 Test Method for Flow Consistency of Controlled Low Strength Material

How to Use/Batching

FloFill P can be added during or after the charging of the mixer. Remove inner bag from protective outer plastic bag. Mix for 5 minutes at full mixing speed to assure adequate distribution and proper volume generation. FloFill P can be added at the jobsite to maximize load volumes while minimizing freight cost.

For additional information on this product, please contact your Riteks Sales Representative.

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Primary Applications

- Street and highway cross cuttings
- Abandoned underground structures
- Utility excavations
- Commercial and residential back-fill applications
- Pipe bedding
- Sub-grade base
- Backfill for radiant heat flatwork

Compatibility

FloFill P is fully compatible with all types of Portland cement, class C and F fly ash, silica fume, fibers, approved air entraining, accelerating, retarding and water-reducing admixtures. FloFill P can be used in white, colored, and architectural concrete. For best results, each admixture must be introduced separately into the concrete mix.

Health & Environmental Data

Please refer to the Safety Data Sheet for complete health, safety and environmental information.

Packaging / Shelf Life

Available in 1, 5 and 10 yard dosages contained in soluble bags. Custom packaging per customer request. Shelf life is indefinite when protected from moisture.



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