

RUSS-FLO

Flowable Fill Admixture For Ease of Placement Of Controlled Low Strength Materials

DESCRIPTION:

RUSS-FLO – Flowable fill admixture 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 RUSS-FLO – flowable fill admixture results in improved flowability while reducing the amount of mix water required to obtain a flowable mix. RUSS-FLO – Flowable fill admixture is packaged in two layer plastic bags.

USES:

RUSS-FLO – Flowable fill admixture 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 RUSS-FLO – flowable fill admixture 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 RUSS-FLO – flowable fill admixture can allow for CLSM to gain strength faster.

BATCHING:

RUSS-FLO – Flowable fill admixture 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. RUSS-FLO – Flowable fill admixture can be added at the jobsite to maximize load volumes while minimizing freight cost.

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

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
- Produces a stable volume with minimal segregation and bleed
- Pre-measured dry chemical eliminates concerns of leakage and frozen liquid product
- Easily dosed on the jobsite
- Increases yield up to 30% creating material and delivery savings



PACKAGING AND DOSAGE:

RUSS-FLO – Flowable fill admixture is prepackaged in one, five and ten yard bags.

COMPATABILITY:

RUSS-FLO– Flowable fill admixture 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. RUSS-FLO– Flowable fill admixture can be used in white, colored, and architectural concrete. For best results, each admixture must be introduced separately into the concrete mix.

SHELF LIFE:

Indefinite when protected from moisture

TECHNICAL NOTE:

Please contact your local Technical Sales Representative before placement to discuss helpful batching, finishing and curing procedures.

SPECIFICATIONS:

Conforms to the following specifications:

ACI 229R Controlled Low Strength Materials

ASTM D 5971 Practice for Sampling Freshly Mixed Controlled Low Strength Material (CLSM)

ASTM D 6023 Test Method for Unit Weight, Yield, and Air Content (Gravimetric) of Controlled Low Strength Material (CLSM)

ASTM D 6103 Test Method for Flow Consistency of Controlled Low Strength Material (CLSM)

PACKAGING:

Available in 1, 5 and 10 yard dosages contained in soluble bags. Custom packaging and dosages can be manufactured per customer request.

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"We Add The Difference"