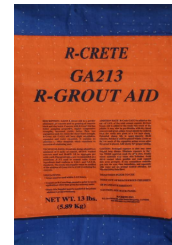


Data Sheet GA311

GA-213

R-GROUT AID

PRODUCT: GA-213 R-GROUT AID



DESCRIPTION: GA-213 R-Grout Aid is a powder admixture for concrete used in grouting of concrete block and clay brick. R-Crete GA-213 improves the placing properties and the bond between grout and masonry unit. Concrete with R-Grout Aid has better pumping properties, higher compressive strengths, increased yields, better flow, less segregation and two times the shear bond strength. R-Grout Aid GA-213 will have slight retardation, expansion and water reduction. It contains no chlorides or other chemicals which contribute to corrosion of reinforcing steel.

USES: Grouting of concrete block or clay brick.

ADVANTAGES:

- Higher bond and compressive strength.
- Improved pumping properties.
- Less segregation.
- Increased yield.
- Easier Compaction.

PACKAGING: GA-213 R-Grout Aid is available in 13 lb. moisture resistant containers. Shelf life is 2 years in original unopened containers.

TECHNICAL DATA: Grout mix design should be a minimum of 6 sacks of cement, 60-70% washed concrete sand and 30-40% 3/8 in. aggregate per cubic yard. Fine grout mixes are recommended at a maximum of 3:1 sand to cement ratio. Grout ingredients shall conform to ICC and A.S.T.M. standards. The ready mix supplier must be notified of the addition of Grout Aid to avoid overdosing the concrete.

ADDITION RATE: R-Crete GA-213 is added at the rate of 1/4% of the total cement content. R-Grout Aid is added to the ready mix truck at the jobsite. Approximately one 13 lb. bag is usually added to one 9-10 cu. yd. ready mix truck. It may also be pre-blended with dry blend concrete and grout mixes. Grout should be ordered from the ready mix plant at a 8-10 in. slump. Extended slump life is approximately 30-40 minutes. Batches should be placed within 1 hour so that as much of the expansion action occurs after the grout is placed. (Add slowly for proper mixing).

LIMITATIONS:

- Grout must be used within 1 hour.
- Consult an R-Crete Representative prior to use in applications other than grout for masonry units.
- Ready Mix Supplier must be notified of the jobsite addition to avoid overdosing.
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R-Grout Aid Plus GA-1000: (Special order)

Includes additional water repellent and efflorescence reducing additives. GA-1000 is added at the rate of 1% per 94 lbs. of Portland cement (50 lb. bag).

CAUTION: R-Grout Aid contains aluminum materials. Prolonged exposure to dust may cause delayed lung disease. Freshly mixed materials may cause skin irritation. Avoid direct contact where possible and wash exposed skin areas promptly. If any material gets into the eyes, rinse immediately and repeatedly with water and get prompt medical attention. See Material Safety Data Sheet.

R-CRETE INC.

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