



Intrusion-Aid® FG+

Mid to High Range Water Reducing and Mix Stabilizing Grout Fluidifier

Description

Intrusion-Aid® FG+ is a Mid Range Water Reducing Grout Fluidifier with improved stabilization properties designed for a variety of neat grouting applications. Intrusion-Aid FG+ provides a fluid grout at a low dosage rate of 0.125 to 0.25 pounds per sack of cement. (0.12 to 0.24 lbs per CWT)

Intrusion-Aid FG+ minimizes bleeding and setting shrinkage while maintaining a fluid, yet cohesive grout. Intrusion-Aid FG+ should eliminate the need for any additional admixtures in the grout.

Applications

- Tiebacks and Soil Nailing
- Micropiles
- Virtually any Neat Grout Application

Features and Benefits

- Fluid Grout
- Low Dosage Rate
- Eliminates Setting Shrinkage
- Minimizes Bleeding and Segregation

Applicable Standards

Intrusion-Aid FG+ meets U. S. Corps of Engineers Specification, CRD C-619, and ASTM Standard Specification for Grout Fluidifier, ASTM C-937.

Compatibility

While Intrusion-Aid FG+ Grout Fluidifier is compatible with most commercially available concrete admixtures, in most conditions no other admixture should be needed. The only exception could be extreme hot temperatures in which set time tests should be performed.

Dosage

The typical dosage range is between 0.125 and 0.25 lbs per sack (94 lbs) of cement or 0.12 to 0.24 lbs per CWT.

Performance Data

Water Retentivity (ASTM C-941)	passes
Bleeding (ASTM C-940)	0 %
Expansion (ASTM C-940)	2-3%
Time of Set (ASTM C-953)	Normal

Packaging

Intrusion-Aid FG+ is packaged in a 20 pound pail containing 20, 1 lb water soluble bags. Each one pound bag is designed to treat 4 to 8 sacks of cement.

Storage

Intrusion-Aid FG+ should be stored in a dry location protected from moisture and contamination. Intrusion-Aid Grout Fluidifiers are not subject to damage from freezing temperatures.

Precautions

Product is classified as a nuisance dust. Since all of the powder is contained in a water soluble bag, dust should not be an issue. However, in the event of exposure to dust, follow the precautions for nuisance dust and those detailed on the Material Safety Data Sheet.

Disclaimer and Limitation of Warranty

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