

Intrusion-Aid® SCG

High Range Water Reducing Grout Fluidifier

Description

Intrusion-Aid® SCG is a High Range Water Reducing Grout Fluidifier specially designed for augered cast-in-place piling grouts. Intrusion-Aid SCG provides a highly fluid grout with a low dosage rate of 2.5 pounds per cubic yard (+/- .15 pounds). This recommended dosage rate of Intrusion-Aid SCG is lower than any Grout Fluidifier previously produced, thus reducing handling and shipping costs.

Intrusion-Aid SCG also virtually eliminates bleeding and any setting shrinkage while maintaining a highly fluid, yet cohesive grout. Intrusion-Aid SCG should also eliminate the need for any additional admixtures in the grout.

Intrusion-Aid SCG can be used in virtually any grout mix including cement / fly ash grouts, but dosage rates will vary. Please consult Specrete-IP for the proper dosage.

Applications

- Augered Cast-in-Place Piles
- Conventional and Fabric Form Pile Jackets
- Erosion Control Mats and Fabric Forms
- Virtually Any Grouting Application

Features and Benefits

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

Applicable Standards

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

Dosage

One 21 pound unit will treat a nine yard load of auger-pile grout grout. NEAT grout systems may require two 21 pound units per nine yards of grout.

Compatibility

While Intrusion-Aid SCG 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.

Performance Data

Time of Efflux (ASTM C-939)	16-19 secs
Water Retentivity (ASTM C-941)	passes
Bleeding (ASTM C-940)	0 %
Expansion (ASTM C-940)	3-4%
Time of Set (ASTM C-953)	Normal

Packaging

Intrusion-Aid SCG is packaged in a 21 pound pail containing four water soluble bags. All four bags should be dropped into the ready mix truck (nine yard load) either before or after batching the grout. Special packaging also available.

Storage

Intrusion-Aid SCG 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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