



Intrusion-Aid® SCX

Water Retentive Grout Fluidifier

Description

Intrusion-Aid® SCX Grout Fluidifier is an admixture specially designed for augered cast-in-place piling grouts. Intrusion-Aid SCX provides a dramatic improvement in the water retentivity properties of the grout, thus virtually eliminating the potential for rapid drying even in the driest of soil conditions. The “window of time” to drop reinforcing steel into the pile is significantly increased. These improved properties also improve grout performance in high water table conditions because the mix water is held in the grout, creating an antiwashout grout.

Intrusion-Aid SCX also provides excellent fluidity while virtually eliminating bleeding and any plastic shrinkage of the grout.

The recommended dosage rate of Intrusion-Aid SCX is lower than any Grout Fluidifier previously produced, thus reducing handling and shipping costs. Intrusion-Aid SCX can be purchased as a stand alone product or can be produced using Intrusion-Aid SCG plus the “X” component.

Applications

- Augered Cast-in-Place Piles - Particularly in Dry Soil
- Any Grouting Application
- As an Anti-Washout Admixture

Features and Benefits

- Significant Improvement in Water Retentivity of the Grout
- Eliminates Setting Shrinkage
- Virtually Eliminates Bleeding and Segregation

Applicable Standards

Intrusion-Aid Grout Fluidifiers meet U. S. Corps of Engineers Specification, CRD-C619, and ASTM Standard Specification for Grout Fluidifier, ASTM C937, with the added benefit of a 75% improvement in Water Retentivity (Test Method ASTM C-941).

Dosage

One 28 pound unit will treat a nine yard load of grout. For NEAT cement grouting applications, each 1 pound water soluble bag can be used to treat up to 8 sacks of cement.

Performance Data

Slump Flow (ASTM C-1611)	30” - 35”
Water Retentivity (ASTM C-941)	80% Improvement
Bleeding (ASTM C-940)	0 %
Expansion (ASTM C-940)	3-4%
Time of Set (ASTM C-953)	Normal

Compatibility

While Intrusion-Aid SCX 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.

Packaging

Intrusion-Aid SCX is packaged in a 28 pound bag containing four, seven pound water soluble bags. All four bags should be dropped in to the Ready Mix truck either before or after batching the grout. (Also available in a 20 pound unit containing 20, 1 lb. water soluble bags)

Storage

Intrusion-Aid SCX 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

The information and recommendations contained in this publication are reliable and reflect the results of Specrete-IP’s most current developments and tests. However, the appropriateness and suitability of specific uses and applications of any Specrete product, must be determined and verified by the user. Further, the successful application of any Specrete product, is critically dependent on user’s following in all respects and details the recommended and industry standard procedures in preparation and application. Thus, as a consequence of the numerous factors on which successful application depends, Specrete-IP makes no warranties of any kind, express or implied, including those of merchantability and fitness for purposes and all claims including without limitation those sounding in breach of warranty, negligence, strict or product liability are limited to the purchase price of the material.