



Intrusion-Aid® MAX

Maximum Water Retentive Grout Fluidifier

Description

Intrusion-Aid® MAX Grout Fluidifier is an admixture specially designed for augered cast-in-place piling grouts. Intrusion-Aid MAX provides maximum water retentivity in 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.

Intrusion-Aid MAX also provides excellent fluidity while virtually eliminating bleeding and any plastic shrinkage of the grout. These improved properties also improve grout performance in high water table conditions because the mix water is held in the grout, creating an anti-washout grout.

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 MAX meets U. S. Corps of Engineers Specification, CRD C-619, and ASTM Standard Specification for Grout Fluidifier, ASTM C-937, with the added benefit of a 80% improvement in Water Retentivity (ASTM C-941).

Intrusion-Aid MAX also complies with ASTM C 494 Type S (specific performance admixtures).

Dosage

One 28 pound unit will treat a nine yard load of grout. For NEAT cement grouting applications, one 1.25 pound water soluble bag is used to treat 4 sacks of cement.

Packaging

Intrusion-Aid MAX is packaged in a 28 pound pail 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 16, 1.25 lb. water soluble bags)

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 MAX 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.

Storage

Intrusion-Aid MAX 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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