

Intrusion-Aid® Grout Fluidifiers

Description

Intrusion-Aid® Grout Fluidifiers are admixtures for grouts and concrete that promote flowability, reduce water requirements, reduce bleeding and segregation, increase strength, and eliminate setting shrinkage. An Intrusion-Aid Grout Fluidifier is a must for any construction application requiring pumpable concrete or grout.

The excellent fluidity and flowability produced by Intrusion-Aid Grout Fluidifiers make them ideal for pumping grouts under slabs and foundations, filling cracks and crevices in dams and piers, shoring up deteriorated beams and columns, and pumping augured cast-in-place piles.

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

- Eliminate setting shrinkage
- Reduce water requirements
- Increase strength
- Reduce bleeding and segregation
- Promote flowability

Applicable Standards

Intrusion-Aid Grout Fluidifiers meet U. S. Corps of Engineers Specification for Grout Fluidifier CRD-C619 and ASTM Standard Specification for Grout Fluidifier for Preplaced Aggregate Concrete ASTM C937.

Compatibility

Intrusion-Aid Grout Fluidifiers are compatible with all types of cement and concrete aggregates and most commercially available concrete admixtures.

Storage

Intrusion-Aid Grout Fluidifiers 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

Products are classified as nuisance dust. Inhalation of dust may be harmful. Avoid repeated or prolonged breathing of dust. Use with adequate ventilation or with respiratory protection. 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.

Intrusion-Aid Grout Fluidifiers

Intrusion-Aid "SCG"

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 2.3 pounds per cubic yard (+/- .15 pounds).

Package Size

21 lb. Pail (containing 3 or 4 water-soluble bags)

Typical Dosage

One 21 pound unit per nine yards of grout

Intrusion-Aid "FG"

A Mid Range Water Reducing Grout Fluidifier designed for use in augered cast-in-place piling grouts. Intrusion-Aid FG provides a fluid grout with a low dosage rate of 2.3 to 2.7 pounds per cubic yard (+/- .15 pounds) or approximately 0.24 to 0.30 lbs per 100 lbs of cementitious.

Package Size

21 lb. Bag (or Pail) (containing 3 or 4 water-soluble bags)

Typical Dosage

One 21 pound unit per eight or nine yards of grout

Intrusion-Aid "DSC"

A Normal Range Water Reducing Grout Fluidifier designed for use in augered cast-in-place piling grouts. Intrusion-Aid DSC provides a fluid grout with a dosage rate of approximately 5 pounds per cubic yard or 0.25 to 0.5 lbs per 100 lbs of cementitious.

Package Size

22.5 lb. Bag

Typical Dosage

Not to exceed 0.5 % by weight of Cementitious

Intrusion-Aid "C"

Grout fluidifier for augered cast-in-place piles, fabric-forms and other work using grout containing concrete sand. Provides water reduction and retardation for added strength and pumping time.

Package Size

25 lb. Bag

63 lb. Bag (24-2.625 lb. bags)

Typical Dosage

Not to exceed 1 % by weight of Cementitious

Intrusion-Aid "R"

General purpose admixture for cement-sand grouts. Provides greater penetration, reduction of mixing water, retardation, minimized bleeding and segregation, and shrinkage compensation (controlled expansion). Intrusion-Aid R has also been used successfully on numerous Prestressed and Post-Tensioned applications in a Neat cement Grout.

Package Size

25 lb. Bag

63 lb. Bag (24-2.625 lb. bags)

50 lb. Bag (50-1 lb. bags)

Typical Dosage

Not to exceed 1 % by weight of Cementitious

Intrusion-Aid "LS"

A grout fluidifier formulated for neat (no sand) cement and cement-fly ash grouts. Provides shrinkage compensation, mix-water reduction and retardation to increase penetrability and strength. Neat grouts are used for filling cracks and fissures in concrete, masonry and rock. Also for setting anchor bolts with small clearances, slab jacking and soil stabilization.

Package Size

25 lb. Bag

63 lb. Bag (24-2.625 lb. bags)

Typical Dosage

Not to exceed 1 % by weight of Cementitious

Intrusion-Aid "AW-91"

A specially designed Intrusion-Aid with reduced retardation of set and time-released expansion.

Package Size

25 lb. Bag

Typical Dosage

Not to exceed 1 % by weight of Cementitious
