Specrete
Grouting Additives

Intrusion-Aid® NGS

Neat Grout Stabilizing Admixture

Description

Intrusion-Aid® NGS is a Grout Fluidifier, per ASTM C937, that is used to create very fluid, yet stable high mobility grout. Even at high water-to-cement ratios it provides excellent resistance to bleed and pressure filtration (low K_{pf} values). In void filling applications, with low-to-moderate strength requirements, Intrusion-Aid NGS can be used to reduce the cost of cement per volume by allowing for water-to-cement ratios up to 1:1 with 0% bleed.

Intrusion-Aid NGS eliminates the need to use bentonite, natural gums or superplasticizers. Using just three ingredients (cement, water and NGS) virtually any combination of performance requirements (viscosity, bleed and K_{pf} value) can be met, without the need for preliminary experimentation.

Features and Benefits

- Stability at high water-to-cement ratios
- Fluid, Stable, High Mobility Grout
- 0% Bleed
- Low K_{pf} Values
- Custom Water Soluble Packaging
- Compensates for Setting Shrinkage

Applications

- High Mobility Grouting
- Pressure Grouting
- Contact Grouting
- Curtain Grouting
- Underground Void Filling
- Virtually any Neat Grout Application

Packaging

Intrusion-Aid NGS is packaged in a 20 pound pail containing 20, one pound water soluble bags. Custom packaging is available.

Dosage

The recommended dosage is between 0.17 and 0.24 pounds per hundredweight of cementitious (0.16 to 0.23 pounds per sack of cement). Allow for 5 minutes of mixing time. Contact a Specrete representative for specific dosage information.

Compatibility

Intrusion-Aid NGS is compatible with most commercially available concrete admixtures. The exception being naphthalene sulfonate based admixtures which can cause unpredictable changes in workability.

Storage

Intrusion-Aid NGS should be stored in its pail with the lid shut in order to protect it from moisture and contamination. Intrusion-Aid products are not subject to damage from freezing temperatures.

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