

Flo-Aid NS

Superplasticizer / High Range Water Reducing Admixture

Description

Flo-Aid NS is a naphthalene sulfonate-based High Range Water Reducer, superplasticizer. It is intended for use in cementitious grout and concrete applications. Flo-Aid NS provides excellent flow and workability without impact to set time. Flo-Aid NS can be used to lower the water-to-cement ratio for increased compressive strength, while maintaining a consistent workability. Flo-Aid NS was designed for use as a superplasticizer in microfine cement grout. It improves penetrability by reducing viscosity and promotes robust grout that is resistant to bleed and segregation.

Applications

- Microfine Cement Grout
- Highly Fluid Cementitious Grouts

Features and Benefits

- Excellent Flow and Workability
- Normal Setting Time
- Reduce W/C for Increased Strength
- Improved Penetrability in Permeation Grouting
- Improved Stability of Suspension

Compatibility

This product is compatible with most commercially available concrete admixtures. The exception being admixtures that contain polycarboxylate, which can cause unpredictable changes in workability.

Packaging

This product is packaged in a 24.8 pound pail containing (18) 1.38 pound water soluble bags.

Mixing

Water-soluble bags should be added to grout while the mixer is running. Allow 3-5 minutes of mixing time for the bag to dissolve and the contents to be evenly distributed throughout the mix. High shear colloidal mixers are preferable, but not required.

Dosage

The recommended dosage is between 0.5% and 2.5% by weight of cement. When treating Spinor microfine cement, the recommended dosage is between 0.28 and 1.38 pounds per 25 kg (55.1 lb) bag. Contact a Specrete representative for more specific information.

Storage

This product should be stored in a dry location, protected from moisture and contamination. Sealed plastic pails will prevent rainwater from damaging the product. However, changes in humidity can cause the water-soluble bags to crack over time. When storing pails for an extended period of time, it is recommended to store them in an indoor, and preferably conditioned, space to prevent damage to the water-soluble bags. Specrete additives are not subject to damage from freezing temperatures.

Precautions

This 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 with recommended use. However, in the event of exposure to dust, follow the precautions for nuisance dust and those detailed on the Safety Data Sheet.

Disclaimer and Limitation of Warranty

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