

Flo-Aid™ XR

Set Controlling / Retarding Admixture

Description

Flo-Aid™ XR is a Water Reducing / Set Controlling admixture specifically designed for use in augered cast-in-place piling grouts and in combination with Intrusion-Aid® Grout Fluidifiers.

This product was first developed for the specific application of the “female” piles in a secant wall and in a recommended mix design with an Intrusion-Aid Grout Fluidifier.

Flo-Aid XR can also be used as a standard retarding admixture to extend workability and working time.

Applications

- Augered Cast-in-Place Piles
- Specifically Designed for Female Secant Wall Pile
- Extends Workability and Retards Set

Applicable Standards

Flo-Aid XR is water reducing / retarding admixture (ASTM 494, Type D). The combined additive package of Intrusion-Aid SCG (or DSC) and Flo-Aid XR also meets U. S. Corps of Engineers Specification, CRD C-619, and ASTM Standard Specification for Grout Fluidifier, ASTM C-937.

Compatibility

While Flo-Aid XR is compatible with most commercially available concrete admixtures, it is only recommended in the specific mixes previously described.

Packaging

Flo-Aid XR is packaged in a 20 pound pail containing four, 5 pound water soluble bags. The entire unit (the four water soluble bags) are designed for use in a nine (or eight) yard load of grout.

Dosage

Dosage rate is 2.2 to 2.5 lbs. per cubic yard of grout.

For the specific usage of providing low early strengths of a female pile in a secant wall application, the recommended dosage rate is one 20 pound unit of Flo-Aid XR plus two, 22.5 pound units of Intrusion-Aid DSC in a nine yard load of augercast grout.

As a retarder and for extended working time, one unit is also recommended for nine yards of grout, but in conjunction with one unit of Intrusion-Aid SCG.

Storage

Flo-Aid XR should be stored in a dry location protected from moisture and contamination. Flo-Aid additives are not subject to damage from freezing temperatures.

Precautions

Product is classified as a 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.