



## Intrusion-Aid® AW-91

### High Range Water Reducing Grout Fluidifier

#### Description

Intrusion-Aid® AW-91 is a High Range Water Reducing Grout Fluidifier with controlled plastic expansion. This product was specifically designed for use in grouting tiebacks or post-tension sleeves, typically in a neat grout application.

Intrusion-Aid AW-91 minimizes bleeding and any setting shrinkage while maintaining a fluid, yet cohesive grout. Intrusion-Aid AW-91 should also eliminate the need for any additional admixtures.

#### Applications

- Augered Cast-in-Place Piles
- Conventional and Fabric Form Pile Jackets
- Erosion Control Mats and Fabric Forms
- Grouting Tiebacks or post-tension sleeves
- Virtually Any Grouting Application

#### Features and Benefits

- Fluid Grout
- Eliminates Setting Shrinkage
- Virtually Eliminates Bleeding and Segregation

#### Applicable Standards

Intrusion-Aid AW-91 meets U. S. Corps of Engineers Specification, CRD C-619, and ASTM Standard Specification for Grout Fluidifier, ASTM C-937.

#### Compatibility

Intrusion-Aid AW-91 is compatible with most commercially available concrete admixtures. When used at the maximum dosage rate, no other admixture should be needed. The only exception could be extreme hot temperatures in which set time tests should be performed.

#### Performance Data

Time of Efflux (ASTM C-939)	20-30 secs
Water Retentivity (ASTM C-941)	passes
Bleeding (ASTM C-940)	0 %
Expansion (ASTM C-940)	3-4%
Time of Set (ASTM C-953)	Normal

#### Packaging

Intrusion-Aid AW-91 is packaged in a 25 pound bag.

#### Storage

Intrusion-Aid AW-91 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. 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

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