



Micro-Aid® FF

Air Entraining Admixture

Description

Micro-Aid FF generates air and improves the pumpability of flowable fill or CLSM (Controlled Low Strength Material.) Pumpability is improved by keeping the mix homogenous and maintaining materials in suspension. Micro-Aid FF creates small air bubbles that make the mix smooth and flowable. No more clogged pumps due to sand or stone falling out of the mix. Micro-Aid FF also reduces pump pressures. Less pump pressure means reduced wear and tear on equipment.

A grout mixed with Micro-Aid FF will increase in volume by 25% +/-5%. Expect some reduction in volume during pumping. Micro-Aid is intended to be used only when low strength (between 50 - 250 psi) is desired. It is not intended to be used in conventional concrete.

Micro-Aid FF increases flowability and reduces the water requirement by up to 50% compared to traditional CLSM. For best results it is recommended that Micro-Aid FF be added to a relatively stiff mix (1" - 3" slump.)

Applications

- All lean grout mixes that need to be pumped
- CLSM or Back Fill Grout

Features and Benefits

- Improves Pumpability – Reduced Down Time
- Minimizes Bleeding & Segregation – No More Clogged Pumps or Settlement
- Less Pump Pressure Needed – Reduced Wear on Pumps
- Pumps Low Cement Factor Mixes – Great for Back Fill Grout
- Maintains Low Strength - Easy to Excavate

Compatibility

While Micro-Aid FF is compatible with most commercially available concrete admixtures. It is not recommended to use Micro-Aid FF in combination with air entraining admixtures.

Dosage

One pail of Micro-Aid FF contains (10) 3 lb water-soluble bags. Each bag treats a load containing roughly seven cubic yards. After the additive has generated air, the seven yard load will increase to roughly 9 yards.

Storage

Micro-Aid FF should be stored in a dry location protected from moisture and contamination. Micro-Aid FF is not subject to damage from freezing temperatures.

Precautions

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. However, 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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