

Micro-Aid®

Pumping Aid and Shotcrete Admixture

Description

Micro-Aid improves the pumpability of virtually any cementitious mixture. Pumpability is improved by keeping the mix homogenous and maintaining materials in suspension. No more clogged pumps due to sand or stone falling out of the mix.

Micro-Aid is of great benefit in shotcrete mixes. A homogenous mix pumps better, sprays better and stays on vertical and overhead surfaces with less rebound. Micro-Aid also reduces pump pressures. Less pump pressure means reduced wear and tear on equipment.

Micro-Aid is very helpful in CLSM (Controlled Low Strength Materials) or Back Fill Grout mixes. Quite often low cement/cementitious contents are required so that the Back Fill Grout can be removed in the future by hand digging. Micro-Aid maintains pumpability of mixes with very low cement or cementitious content. Mixes have been successfully pumped with as little as 25 pounds of cement per cubic yard.

Micro-Aid can also be a benefit in pumping lightweight concrete. It will improve the pumpability while actually reducing the weight too.

Applications

- All concrete or grout mixes that need to be pumped
- Shotcrete mixes
- Lightweight concrete
- CLSM or Back Fill Grout

Features and Benefits

- Improves Pumpability – Reduced Down Time
- Minimizes Bleeding & Segregation – No More Clogged Pumps
- Less Pump Pressure Needed – Reduced Wear on Pumps
- Reduces Rebound in Shotcrete Mixes – Less Material Waste
- Pumps Low Cement Factor Mixes – Great for Back Fill Grout

Compatibility

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

Dosage

One 32 pound bag will treat four yards of concrete (grout). Empty the contents of the bag into the Ready-Mix truck and allow to mix for a minimum of three to five minutes (70 revolutions).

Packaging

Micro-Aid is packaged in 32 pound bags. Each bag is designed to treat four cubic yards of concrete/grout. Special packaging is also available.

Storage

Micro-Aid should be stored in a dry location protected from moisture and contamination. Micro-Aid 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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