



## Micro-Aid® CLS

### Controlled Low Strength Grouting Admixture

#### Description

Micro-Aid® CLS is a grout stabilizing admixture specifically designed to improve the pump-ability of flowable fill or other low strength mixes. Micro-Aid® CLS helps to hold sand in suspension even under the high pressure of pumping. By preventing segregation of the grout, it creates a smooth, uniform consistency that travels easily through the line. Micro-Aid® CLS can reduce the amount of cementitious material needed to create a pump-able mix. At the low dosage rate of 1 to 1.25 lbs/yd, Micro-Aid® CLS is a cost effective alternative to high cement mixes.

#### Applications

- Controlled Low Strength Grout Mixes
- Where Future Removal of Grout May Be Required
- Low Cementitious Content Grout Mixes
- Difficult-to-Pump mixes

#### Features and Benefits

- Improved Pump-ability
- Enhanced Stability (Resistance to bleed and segregation)
- Improved Water Retention Properties and Resistance to Pressure Filtration
- Low Dosage Rate

#### Compatibility

Micro-Aid® CLS is compatible with most commercially available concrete admixtures. For more information contact a Specrete representative.

#### Dosage

Micro-Aid® CLS is packaged in a 20 lb pail containing (4) five pound water-soluble bags. Each five pound bag treats 4-5 cubic yards of lean (low cement content) grout. Allow to mix for a minimum of three to five minutes (70 revolutions).

#### Storage

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

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.