

DNF 847

Description

DarNfill 847 is an air entraining, water reducing admixture that can be used in normal concrete or flowable fill. *DNF 847* creates millions of uniformly sized stable air bubbles, increasing freeze/thaw durability, and can be used in CLSM (Controlled Low Strength Material), making it highly flowable and easily excavatable. *DNF 847* stabilizes air content, and eliminates bleedwater & shrinkage; while maintaining suspension of cement throughout the highly flowable mix. *DNF 847* also enhances the plastic and hardened properties of CLSM. *DNF 847* is specially formulated for fast setting CLSM composed of Type C Flyash.

Advantages

- Increases flow ability, fills voids, and lowers water content
- Increases freeze/thaw durability
- Generates stable air content up to 35%
- Eliminates segregation, surface bleed, and shrinkage
- Reduces water content of CLSM up to 40%
- Increases yield of CLSM up to 35%
- Easily excavatable CLSM
- Accelerates Set time for fast setting CLSM containing Type C Flyash

Application

The recommended dosage range of *DNF 847* is 45 to 90 oz per yard of CLSM.

The recommended dosage range of *DNF 847* is 0.25-4oz/cwt for normal concrete.

The exact dosage rate will vary depending on mix design, and other admixtures/materials used.

For volumetric admix tank dilution ratios, please contact mixer manufacturer. Contact a DPI representative for further technical assistance and dosage rates.

Compatibility

DNF 847 is compatible with all types of Portland cement, Class C & F fly ash, silica fume, fibers, and approved water reducing and air entraining admixtures. Must be dispersed separately, but is compatible with most admixtures.

Specifications

Conforms to ASTM C-260

Conforms to AASHTO M-154

Packaging

Available in 5 gallon pails, 30/55 gallon drums, 275 gallon totes, and is delivered by tanker trucks for bulk purchasers.

Limitations

May freeze below 32 degrees Fahrenheit. If product freezes, use mechanical agitation to reconstitute once thawed. Shelf life: *18 months*

Disclaimer

To the best of our knowledge, the information in this publication is reliable. Users should make their own tests to determine the suitability of these products for their own particular purposes. DarCole Products, Inc. makes no warranty of any kind, express or implied, including those of merchantable and fitness for purpose. The responsibility of DarCole Products, Inc. for claims arising out of breach of warranty, negligence, strict liability, or other-wise are limited to the purchase price of the materials.



1940 US Hwy 41 South
Sebree, KY 42455

Phone: (270) 826-6499 Toll Free: (800) 327-6565

Fax: (270) 831-2288

Website: www.darcole.com