

# DNF 842

## Description

*DarNfill 842* is an air entraining, water reducing admixture that can be used in normal concrete or flowable fill. *DNF 842* 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 842* stabilizes air content, and eliminates bleedwater & shrinkage; while maintaining suspension of cement throughout the highly flowable mix. *DNF 842* also enhances the plastic and hardened properties of CLSM.

## 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

## Application

The recommended dosage range of *DNF 842* is 45 to 90 oz per yard of CLSM.

The recommended dosage range of *DNF 842* 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 842* 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.



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