

# DSC 412

## Description

*DarCole Shotcrete 412* is a mid range water reducing, accelerating admixture for concrete. *DSC 412* has various uses for all types of mixers because of its rapid integrating characteristics and the ability to be used ready mix or in on board admix tank systems. *DSC 412* decreases water-cement ratios while increasing the quality of the cement, and aids in bonding the mix to steel/ reinforcements. *DSC 412* allows for faster erection of the walls, improved cut time, and performs efficiently in common walls, corners, and inverted areas.

## Advantages

- Increases bonding, flexural and compressive strength
- Provides easier workability, placement, and finishing of concrete
- Enhances air entrainment by up to 2%
- Stabilizes volume, and accelerates finish time
- Allows for faster erection of walls and improved cut times
- Enhances color in colored concrete

## Application

The recommended dosage range of *DSC 412* is 2 to 6 oz per 100lbs of cement. 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

*DSC 412* 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-1141

## 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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