

# DND 814

## Description

*DarNdry-cast 814* is a mid range water reducing admixture that improves the quality of dry cast concrete. *DND 814* performs especially well in hollow core precast or prestressed concrete by reducing water-cement ratio, eliminating sag, stopping strand slippage, and improved set times. *DND 814* can be successfully used in wet cast and shotcrete as well.

## Advantages

- Increases bonding, flexural and compressive strength
- Provides easier workability, placement, and finishing of concrete
- Ideal for use in dry cast and wet cast 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 *DND 814* for dry cast is 4 to 8 oz per 100lbs of cement, and for wet cast is 6 to 12 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

*DND 814* 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-494 Type A  
Conforms to AASHTO M-194 Type A

## 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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