

DWR 385R

Description

DarCole Water Reducer 385 Retarder is a mid range water reducing, set retarding admixture for concrete. *DWR 385R* increases the cohesive properties of Portland cement, which enables the cement particles to hydrate more thoroughly in hardened concrete. This chemical reaction utilizing *DWR 385R* decreases water-cement ratios while increasing the quality of the cement; improving strength, finishing, durability, and appearance.

Advantages

- Increases bonding, flexural and compressive strengths
- Improves flowability, pumpability, placement, workability, and finishing
- Lowers water/cement ratios
- Reduces surface bleeding, shrinkage, and cracking
- Increases durability against freeze/thaw cycles
- Provides control over set time based on dosage rates

Application

The recommended dosage range of *DWR 385R* is 1 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

DWR 385R is compatible with all types of Portland cement, Class C & F fly ash, silica fume, fibers, and approved water reducing and air entraining admixtures. Contains no added chlorides or chemicals known to promote corrosion of steel. Must be dispersed separately, but is compatible with most admixtures.

Specifications

Conforms to ASTM C-494 Type B & D
Conforms to AASHTO M-194 Type B & D

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