

DNS 166

Description

DarNset 166 is a multi component, chloride free, accelerating water reducer for concrete. *DNS 166* can be used year round to promote higher early and ultimate strengths, even at temperatures below freezing. *DNS 166* is especially effective to use in precast concrete, pre-stressed concrete, concrete bridge deck and roadwork repairs, and where chloride constraints and steel reinforced concrete or metal decking is used.

Advantages

- Reduces surface bleeding and segregation
- Increases higher early and ultimate strengths; both flexural and compressive
- Earlier use of structural concrete
- Faster form stripping
- Promotes earlier finishing, accelerated set times, and protection of poured concrete
- Lowers water-cement ratio
- Ability to place concrete at sub freezing temperatures
- Superior finish ability on all flatwork and precast

Application

The recommended dosage rate of *DNS 166* is 18 oz per 100lbs of cement per 1% accelerator. 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

DNS 166 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 C & E
Conforms to AASHTO M-194 Type C & E

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 5 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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