

DNS 166

DESCRIPTION

DarNset 166 is a multi-component, chloride-free, water-reducing accelerator for concrete. It promotes higher early and ultimate strengths, as it can be used year round, even with temperatures below freezing. Concrete using DNS 166, which is placed in colder weather, maintains normal setting times without the introduction of chloride-bearing components. DNS 166 is especially effective to use in prestressed concrete repair; prestressed concrete; concrete bridge decks; pre-cast, site cast and all steel reinforced concrete; concrete over metal decking and roof systems; concrete subject to 20 degree Fahrenheit temperatures.

ADVANTAGE

- Reduces bleeding and segregation.
- Increases early and ultimate strengths both flexural and compressive.
- Earlier use of structural concrete.
- Accelerates set time.
- Aids in prevention of concrete from freezing at higher dosages.
- Faster stripping and reuse forms.
- Provides earlier finishing of slabs.
- Cohesiveness and plasticity improved, which aids in avoiding honeycombing.
- Protection time require in cold weather is reduced.
- Rate in which heat is generated during hydration is increased, which promotes earlier setting and finishing strength gain.
- Superior finish ability on all flatwork and pre-cast surfaces.

APPLICATION

DNS 166 is recommended for use at a dosage rate 14 to 18 ounces per bag for 1% or 3 gallons per 100 gallons of water for 1%.

PHYSICAL DATA

DNS 166 does not contain calcium chloride or any chloride-based components. DNS 166 is compatible with all types of Portland cement, class C and F fly ash, microsilica, fibers all approved air entraining, accelerating, super plasticizing and water-reducing admixtures. Each admixture must be added separately to the concrete mix.

LIMITATIONS

DNS 166 may freeze at temperatures below 5 degrees Fahrenheit (-15C). Although freezing does not harm DNS 166, precautions should be taken to protect it from freezing. DNS 166 conforms to ASTM C 494 Type C; ASTM C 494 Type E; AASHTO M 194 Types C and E; CRD C 87 Types C and E; all other federal and state regulations.

PACKAGING

Available in 30 or 55 gallon drums and is delivered by tanker trucks for set-up customers purchasing bulk amount 300, 500 (+) gallons. Must be dispersed separately but is compatible with most admixtures.

DISCLAIMER

To the best of our knowledge, the information provided 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 otherwise are limited to the purchase price of the materials.



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