

# NitroCast® HE

## Accelerating Admixture for Concrete

### DESCRIPTION:

**NitroCast® HE** is a ready to use aqueous solution of calcium chloride and other proprietary accelerators which provides the benefits of improved finishability, set acceleration and high early strength gain. **NitroCast® HE** enhances the performance of plastic and hardened concrete. **NitroCast® HE** is manufactured under rigid quality control measures to provide uniform, reliable results.

**NitroCast® HE** is recommended for concrete mixes where improved finishability, accelerated set and high early strengths are desirable.

### ADVANTAGES:

- Improves workability, placeability and consolidation
- Improves finishability
- Accelerates cement hydration
- Reduces time to initial and final set
- Increases early compressive and flexural strengths

### DOSAGE RATE:

**NitroCast® HE** is recommended for use at a dosage rate of 12 to 64 fluid ounces per 100 pounds (782 to 4170 ml per 100 kg) of cement. **NitroCast® HE** offers broad flexibility and dosage rates are dependent on cement quantity and chemistry, concrete temperature and curing conditions.

Because local job conditions vary, please contact your local technical sales representative for further assistance if using outside recommended dosage ranges.

### SPECIFICATIONS:

Conforms to ASTM C 494 Type C AASHTO M 194 Type C CRD C 87 Type C

### STORAGE

**NitroCast® HE** may freeze at temperatures below 5°F (2°C). Although freezing does not harm **NitroCast® HE**, precautions should be taken to protect it from freezing. If it should happen to freeze, thaw and reconstitute with mechanical agitation

### COMPATIBILITY:

**NitroCast® HE** is compatible with all types of Portland cement, class C and F fly ash, slag, microsilica, fibers and approved water reducing and air entraining admixtures. For best results, each chemical admixture must be dispensed separately into the concrete mix.

### PACKAGING:

55-gallon drums, 275-gallon totes, and bulk tank truck.



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