

NexCrete™ 1200

Non-Chloride Mid-Range Water Reducing Admixture

General Description

Ritek's NexCrete™ 1200 is a non-chloride mid-range water-reducing concrete admixture. NexCrete 1200 is designed to offer: Superior workability and finishability, increased compressive and flexural strength (both initial and ultimate) with lower water-cement ratio and normal set times throughout the whole dosage range. NexCrete 1200 does not contain calcium chloride or any chloride-based components. It will not promote or contribute to corrosion of reinforcing steel in concrete.

Primary Applications

NexCrete™ 1200 can be used in all concrete applications where ease of placement, normal set times, and increased workability are desired. NexCrete 1200 is used in all flatwork, curb mixes and walls. NexCrete 1200 is compatible with a wide range of cements, fly ashes and aggregates.

NexCrete 1200 provides concrete with lower permeability, little or no bleeding and greater workability at the surface.

- Increased pumpability
- Reduced segregation of mix; even with very high slumps
- Increased relative durability to freezing and thawing
- Superior finishing characteristics for flatwork, walls, curb and tilt-up
- Better retention of slump than conventional water-reducers

How to Use / Dosage

Mixing: NexCrete 1200 can be added with the initial batch water but delayed addition will generally result in optimum water reduction. Dosage: Rates will vary depending on the materials used, ambient conditions and the requirements of a specific project.

Recommended dosage rate: 3 to 12 fl. oz. per 100 lbs. of cementitious material.

Due to variations in concrete materials, job site conditions and applications, dosages outside of the recommended range may be required. In such cases, contact your local Ritek's Construction Chemical Representative.

Features/Advantages

- Increased pumpability
- Reduced segregation of mix; even with very high slumps
- Increased relative durability to freezing and thawing
- Superior finishing characteristics for flatwork, walls, curb and tilt-up
- Better retention of slump than conventional water-reducers

Compatibilities

NexCrete 1200 is compatible with all types Portland cement, class C & F fly ash, silica fume, calcium chloride, fibers, and approved air entraining, accelerating, retarding, superplasticizing, & water-reducing admixtures. NexCrete 1200 can be used in white, colored and architectural concrete. For best results, each admixture must be dispensed separately into the concrete mix.

Packaging/Storage

5 gallon pail • 55 gallon drum
Totes • Bulk deliveries

Store between 32° F & 100° F. Product should be used within 12 months of delivery.

Health and Environmental Data

Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.

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