

POWDERED ADMIXTURES

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ACCELGUARD® SET-SPEED

POWDERED, NON-CHLORIDE, ACCELERATING ADMIXTURE



EUCLID CHEMICAL

PRODUCT INFORMATION

PACKAGING

ACCELGUARD SET-SPEED is packaged in 5 gal. pails containing (15) 2 lb (0.9 kg) dissolvable inner bags.

SHELF LIFE

1 year in original, unopened package

DESCRIPTION

ACCELGUARD SET-SPEED is a powdered accelerator intended for use with cementitious materials. ACCELGUARD SET-SPEED improves properties of plastic and hardened concrete, with significant improvements in early strength gain and setting characteristics, improved workability and decreased bleeding and segregation. This product works well at all temperatures but has shown benefits in the 35°F to 50°F (2°C to 10°C). ACCELGUARD SET-SPEED contains no added chlorides or chemicals known to promote the corrosion of steel.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Minimizes bleeding and segregation
- Can be site added for unanticipated conditions
- Improves workability and provides denser concrete
- Reduces initial set 1 to 4 hours depending on concrete temperatures
- Improves compressive strength development at early ages
- Convenient packaging for hassle-free addition

PRIMARY APPLICATIONS

- Cold weather conditions
- Underground construction
- Precast / post tensioned concrete
- Ready Mix concrete
- Cementitious materials

PRECAUTIONS/LIMITATIONS

- Keep concrete from freezing until a minimum of 1000 psi (7 MPa) is achieved.
- Keep unused bags in sealed container until ready to use.
- In all cases, consult the Safety Data Sheet before use.

DIRECTIONS FOR USE

1 bag of ACCELGUARD SET-SPEED is typically used per cubic yard of concrete or 517 lbs (306 kg) of cementitious material to achieve approximately 1 hour of acceleration. Performance will vary depending on materials, ambient conditions and additional admixtures contained in the mix. Dosage can be increased to deliver faster setting or to offset slower setting in lower ambient temperatures. Each 2 lb (0.9 kg) package is double bagged. Remove the outer bag and add the entire inner-soluble ACCELGUARD SET-SPEED bag and contents to the plastic/wet concrete. The entire inner bag will easily dissolve. Thoroughly mix at high speed for a minimum of 5 minutes.

ACCELGUARD SET-SPEED is compatible with most admixtures including air-entraining agents, accelerators, most water-reducers, retarders, shrinkage reducers, corrosion inhibitors, viscosity modifiers, and microsilica; however, each material should be added to the concrete separately.

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