ACEiT™ Industries, Inc.
1970 Laurel Valley Drive,
Keller, TX 76248

P: +1(469) 992 - 4739
F: +1(316) 440 - 8810
www.aceitusa.com

ACEiT™ Plus

Hydration Stabilizer

Description

ACEiT™ Plus is a powdered form cement hydration stabilizer especially designed to lower heat of hydration primarily in stage two of the cement hydration process while retaining significant water and releasing it to available cement particles incrementally through the cement set. ACEiT™ Plus may be used at varying dosage rates to achieve extended and desirable set time.

Benefits

- Control set time for all Portland cement concrete including low water/cement content mixtures while providing a finishing ability that would normally be unattainable.
- Increase strength.
- Improve workability during elevated ambient temperature and long transit times.
- Improve finishability.
- Reduces water requirement.
- Reduces segregation.
- Reduces permeability.
- Reduces cracking.
- Improve internal curing.

Applications

- All Portland cement concrete mixes where water reduction and set time control are required.
- Hot weather and long transit time concrete placement.

Standard Specifications

Meet and exceed; ASTM C 494 Type B and S
AASHTO M 194 Type B and S

Packaging

ACEiT™ Plus is packaged in 40 lb. bags. Other forms of packaging may be available per request.

Storage

ACEiT™ Plus should be stored in a completely dry containment area that is free from excess humidity at all times prior to use. Care should be taken to prevent damage to packaging.

Dosage

ACEiT™ Plus average dosing is 0.22% of total cementitious content per mix. Depending on concrete mix design, ambient temperature, or desirable control set time, higher dosages are acceptable. Under-dosing of ACEiT™ Plus could significantly decrease the pot-life, finishing characteristics, and overall aesthetics of the concrete.

Safety

ACEiT™ Plus is inert and nonreactive, not corrosive, and non-hazardous. In all cases, please refer to the Safety Data Sheet for more information.