



ULTRA ACCELERATOR 727

Water Reducing Dynamic Strength Super Plastisizer & Accelerator

Admixtures

ULTRA ACCELERATOR 727 (Dynamic Strength Accelerator) is a naphthalene base non-chloride, water-reducing admixture for concrete specifically designed to address the fast-track construction needs of the concrete industry.

Surface Treatments

At cooler temperatures, conventional accelerators reduce initial setting times. **ULTRA ACCELERATOR 727** will not accelerate initial setting characteristics significantly, but rather achieve high early compressive strengths.

Protective Coatings

Makes possible major reductions in water-cement ratio which allow the production of high strength concrete without excessive cement contents.

Concrete Repairs

Use in production of flowing concrete permits easier construction with quicker placing and compaction and reduced labour costs without increasing water content.

Industrial Flooring

ULTRA ACCELERATOR 727 contains no added chlorides and will not promote the corrosion of steel.

Grouts & Anchors,

PRIMARY APPLICATIONS

- Pre-cast/pre-stressed
- Ready mix concrete
- Hot weather concreting
- Cold weather concreting
- Concrete repair
- Fast track construction

Adhesives,

FEATURES/BENEFITS

- Increases early strength development without sacrificing workability.
- Reduces water demand
- Minimizes bleeding and segregation
- Replaces steam curing
- Quicker form turnaround
- The use of non-chloride admixtures will not promote corrosion of steel reinforcement or forms

Water Proofing

Sealants

Note: Dosage rate may be changed as per requirements of concrete mix, on consultation of Ultra technical staff. Over dosage can cause retardation.

SPECIFICATIONS/ COMPLIANCES

- Meets or exceeds ASTM C-494, Type A & F admixture.
- Complies with AASHTO M-194.

TECHNICAL INFORMATION Physical Properties Specific

gravity.....1.155@20°C ± 2%
 Freeze point.-4°F (-20°C)
 Color.....Brown
 Shape.....Liquid
Shelf Life: 1 year in original, unopened package.

DIRECTIONS FOR USE

Add **ULTRA ACCELERATOR 727** to the final mix water. **DO NOT** dispense directly onto cement.

Dosages range from 1.00 - 3.00 liters /100 kg of cementitious materials.

In case of over-dosage please contact Ultra Chemicals Customer Services Department.

IMPORTANT: Performance should be verified and dosages adjusted based on weather and jobsite conditions.

APPEARANCE

ULTRA ACCELERATOR 727 is a brown liquid and will not affect the color of concrete.

PRECAUTIONS/LIMITATIONS

- **ULTRA ACCELERATOR 727** will freeze at temperatures of approximately - 4°F (-20°C). Freezing and thawing will not harm the material if thoroughly agitated.
- Do not use air for agitation.
- Dispense independently from other admixtures.
- Do not dispense directly onto dry cement.
- In cold weather, always follow
- AC 306 - Standard Specification for Cold Weather Concreting.

PACKAGING

ULTRA ACCELERATOR 727 is packaged in bulk, 245kg/210Ltr, 35kg/30Ltr.

WARRANTY: The Ultra Chemicals LLC. ("Ultra") solely and expressly warrants that its products shall be free from defects in materials and workmanship for 12 months from the date of purchase. Unless authorized in writing by an officer of Ultra, no other representations or statements made by Ultra or its representatives, in writing or orally, shall alter this warranty. **ULTRA MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME.** If any Ultra product fails to conform to this warranty, Ultra will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Ultra does not authorize anyone on its behalf to make any written or oral statements which in any way alter Ultra's installation information or instructions in its product literature or on its packaging labels. Any installation of Ultra products which fails to conform to such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Ultra's products for the Buyer's intended purposes.

Storage:

Avoid placing in direct contact to sunlight and always store in shady areas. At high temperature more than 40°C, keep the small cap of drum opened for fumes evaporation. At low temperature below 2°C, liquid may freeze in crystal form which does not affect quality of admixture and may be used after mixing properly.

ISO Certification:

Our production facility at Pakistan is ISO 9001:2008
ISO 14001:2004
by BUREAU VERITAS
and UKAS Management



ULTRA CHEMICALS, LLC. USA

325 Conway, Hill Road, MO, 63901, USA. Ph: 573-429-1105
info@ultra-chemicals.com, www.ultra-chemicals.com - www.ultragroup.pk

