



ULTRA POWER - 150

Low Dosage Retarding and Plasticizing Admixture for Concrete

DESCRIPTION

Ultra Power-150 is a new generation, synthetically manufactured, set-retarding, final strength increasing admixture for concrete. Ultra Power-150 provides a more plastic and flow able concrete, greater uniformity, increased durability, reduced shrinkage and permeability in your concrete. Ultra Power-150 facilitates placing and finishing by providing controlled retardation of the concrete's setting time, preventing premature stiffening.

ADVANTAGES

- Provides easier handling and finishing.
- Elimination of cold joints between subsequent pours in mass or Structural concrete
- Water reduction significantly improves compressive strengths at all ages and enhances durability.
- Minimized transportation delay problems, maintains place ability and reduces the risk of pump blockage.
- Slight air entrainment improves cohesion in mixes with poorly graded sands or a lack of fine material, minimizing bleed and segregation.
- Improves pump ability of concrete.
- considerably reduces permeability.
- Reduces placing problems in hot weather concreting by improving workability and Workability retention.
- Improves trowel ability and surface finish.
- Provide self compacting concrete.

SPECIFICATIONS / COMPLIANCES

- Ultra Power-150 meets the requirements of ASTM C-494, Type A, B & D admixture.
- Ultra Power-150 meets the requirements of AASHTO M-194. BS-5075 part I.

Shelf life is 1 year in original, unopened package.

Typical dosage

It is strongly recommended to carry out trial mixes before doing the concrete in order to achieve correct level of dosage. Normally Ultra Power-150 can be used @ 0.7-2.0 liters / 100 Kg cement. Actual dosage rate depends upon mix design requirements.

DIRECTIONS FOR USE

Ultra Power-150 is dispensed into any part of the concrete materials except cement, but preferably into the water.

PACKAGING

ULTRA Power-150 is packaged in bulk, 210 Liters, 30 Liter

PHYSICAL & CHEMICAL PROPERTIES

Appearance	Light brown
Specific gravity	1.0@20C
Chloride contents	Nil
Air Entrainment:	Less than
PH -	6.5 ± 1.0

Storage:

Avoid to place direct to sun light and always store in shady areas.

ISO Certification:

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

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