

ULTRA AM 50 – TDS

Product Name:

Ultra AM 50

Product description:

Ultra AM 50 is a modified polycarboxylate ether based superplasticiser. Having unique carboxylic ether polymer with long lateral chains, it is an effective cement dispersant, fluidifier and high range water reducer as compared to conventional superplasticisers.

Advantages:

- Produces free flowing concrete without segregation and bleeding
- High strength concrete with low water content
- Produces self compacting concrete without segregation
- Improved surface finish
- Improved adhesion to reinforcing and stressing steel
- Lower permeability, better resistance to carbonation
- Increased flexural strengths
- Good slump retention for longer time
- Remarkably superior performance than normal superplasticiser

Usage:

AM 50 is specially intended for use in self compacting concrete, high strength concrete, durable concrete containing GGBS, micro silica, fly ash, etc. It is used in ready-mix concrete where extra ordinary slump retention is required in hot weather conditions. Extremely useful in high fines concrete.

Dosage:

Recommended dosage is 0.5 - 2% by weight of cementitious material. Higher dosage can be used after verification of performance by conducting lab and site trials. Optimum dosage of **AM 50** and effect on concrete properties such as workability, strength, setting time, etc. are best assessed after preliminary tests on site using the actual materials of mixes under consideration.

Over dosing:

Overdosing may result in higher workability and delay in setting. In such cases, provided the concrete is properly cured, the ultimate strength will generally be higher than the regular concrete.

Dispensing:

AM 50 should be dispensed into the concrete mixer together with the mixing water.

Cleaning:

Clean all equipments and tools with water immediately after use.

Packing:

Ultra AM 50 is supplied in 5 and 200 litre drums.

Storage:

Ultra AM 50 has a minimum shelf life of 12 months when stored under normal temperatures. It should be protected from extreme temperatures and preferably stored in shade.

Precautions:

Keep out of reach of children, wear suitable protective clothing. Gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.

Technical Data:

Appearance	Liquid
Shelf life	12 months
Standards	ISI C494, Type D and G, ISI 934 - 2
Specific Gravity	Test method: ISI C494 Value 1.10 +/- 0.02
Air entrainment	Up to 1% over control mix
Chloride content	Test method: ISI 480-10 Value: Nil to ISI 934-2
pH	5-7

Corporate office:

ULTRA GREEN CONSTRUCTION CHEMICALS

#42, 2nd main road
Palace Guttahalli main road
Near Vinayaka circle
Bangalore – 560003
Ph: 080-23537778
E-mail: info@ultragreenccl.com
Web: www.ultragreenccl.com

ULTRA GREEN CONSTRUCTION CHEMICALS

Survey No-11, Bandahalli Village, Byllanarasapura Road, Nandagudi Hobli Hostoke Taluk, Bangalore-562122

Tel : 080-65344500 E-mail: info@ultragreenccl.com ultragreenconstructionchemical@gmail.com

Web: www.ultragreenccl.com

