EUCON 542 HIGH RANGE WATER REDUCING RETARDING ADMIXTURE



DESCRIPTION

EUCON 542 is a high range water reducing admixture formulated specifically to extend the working time of flowing concrete at high temperatures. It is compatible with air entraining agents, waterproofing agents, however each material should be added repeatedly.

PRIMARY APPLICATIONS

- Reinforced concrete
- High strength concrete
- Industrial slabs
- General Readymix Concrete

- Prestressed concrete
- Parking structures
- Watertight concrete

FEATURES/BENEFITS

- Produces "flowing" concrete with controlled delay of slump loss and workability.
- Greatly reduces water requirements.
- Reduces segregation and bleeding in the plastic concrete.
- Reduces cracking and permeability of hardened concrete.
- When used to produce "flowing" concrete, significantly reduces concrete placement time and cost.

TECHNICAL INFORMATION

PROPERTY	VALUE
Physical State	Dark Brown Liquid
Base Material	Sulphonated naphthalene formaldehyde condensates
Specific gravity	1.23 ± 0.02 @27°C
рН	Minimum 6
Air entrainment	1.5% over control mix
Chloride content	< 0.2 %

Compatible with all cement types like OPC, OPC + Fly ash, PSC etc.,

PACKAGING / YIELD

EUCON 542 is packaged in bulk 250 kg drums.

SHELF LIFE

1 year in original, unopened container.

SPECIFICATIONS/COMPLIANCES

EUCON 541 meets or exceeds the following requirements:

- ASTM C 494, Type G
- AASHTOM194
- IS9103/2007

HIGH-RANGE WATER REDUCERS



DIRECTIONS FOR USE

- Normal Dosage ranges -200 ml 600 ml / 50 kg of cement.
- However the optimum dosage is determined by site trails.
- Eucon 542 should be added to the initial bacth water of the concrete mixture.
- Do not dispense into dry cement.
- Overdosing leads to retardation of setting times of concrete, mix may seggregates and bleeding of concrete.

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain Eucon 542 above freezing. However freezing and subsequent thawing will not harm the material if thoroughly agitated.
- In all the cases refer safety datasheet before use.



WARRANTY: Tremco CPG (India) Private Limited (Formerly known as "Flowcrete India Private Limited") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Tremco CPG (India) Private Limited (Formerly known as "Flowcrete India Private Limited") no other representations or statements made by Tremco CPG India or its representatives, in writing or orally, shall alter this warranty. Tremco CPG India 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 Tremco CPG India product fails to conform with this warranty, Tremco CPG 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 installation of Tremco CPG India products which fails to conform with such installation information or instructions shall woid this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty auteration of any kind. Buyer shall be solely responsible for determining the suitability of Tremco CPG India's products for the Buyer's intended purposes.