



EUCON 37L

RETARDING SUPERPLASTICIZER

DESCRIPTION

EUCON 37L is a high range water-reducing/retarding superplasticizing admixture. It may be added to the concrete at the job site or at the ready mix concrete plant. EUCON 37L is formulated to retain plastic consistency for 60-90 minutes after dosing depending on the initial slumps, dosage rates, and ambient temperature. No chlorides are used in its formulation; consequently, it is recommended for prestressed concrete. It is also compatible with air-entraining agents, waterproofing agents, calcium chloride and many other admixtures; however, each material should be added to the concrete separately.

PRIMARY APPLICATIONS

- High performance concrete
- General ready mix concrete
- Flatwork and pavement concrete
- Heavily reinforced concrete

FEATURES/BENEFITS

- Produces low water content and low water/cement ratio concrete allowing higher strengths
- Produces flowing concrete with better than normal strength
- Aids in concrete placement and reduces labor cost

TECHNICAL INFORMATION

TEST TYPE	METHOD
Physical State	Dark Brown Liquid
Base Material	Modified Sulphanated naphthalene condensates
Specific gravity	1.15 +/- 0.02 @25°C
Air entrainment	< or = 1.5% over control mix
pH	Minimum 6
Chloride content	<0.2 %

Compatible with all cement types like OPC, OPC+fly ash, PPC etc.,

PACKAGING

EUCON 37L is packaged in 250 Kgs.

SHELF LIFE

1 year in original, unopened package.

SPECIFICATIONS/COMPLIANCES

- Confirms the requirements of IS 9103/2007
- Fully complies with the requirements of ASTM C 494

DIRECTIONS FOR USE

- Normal dosage range is 150 ml to 600 ml /50 kg of cement
- However the optimum dosage is determined by 5 trials.
- Eucon 37 L should be added to initial batch water of the concrete mixture.
- Do not dispense on to dry cement.

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON 37L above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated. Never agitate with air or an air lance.
- In all cases, consult the Safety Data Sheet before use.