



EUCON 37

HIGH RANGE WATER REDUCER - SUPERPLASTICIZER

DESCRIPTION

EUCON 37 is a high range water-reducing admixture. It may be added to the concrete at the job site or at the ready mix concrete plant. Consequently, it is recommended for prestressed concrete. It is also compatible with air-entraining agents, waterproofing agents, 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

PROPERTY	VALUE
Specific Gravity	1.210 ± 0.02 @27°C
Physical State	Dark brown liquid
Base Material	Modified Sulphonated naphthalene Condensates
pH	Minimum 6
Chloride Content	< 0.2 %

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

PACKAGING

EUCON 37 is packaged in 20 Kgs and 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 C494 Type A and F

DIRECTIONS FOR USE

- Normal dosage range is 200 ml to 700 ml /50 kg of cement.
- However the optimum dosage is determined by site trials.
- Eucon 37 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 37 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, refer the Safety Data Sheet before use.