



# 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, 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

Specific Gravity	1.210 ± 0.02 @25°C
Physical State	Dark brown liquid
Base Material	Modified Sulphonated naphthalene Condensates
Air entrainment	±1.5% over control mix
pH	Min 6
Chloride Content	<0.2 %

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

### PACKAGING

EUCON 37 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 C494 Type A and F

## DIRECTIONS FOR USE

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Normal dosage range is 200 ml to 700 ml /50 kg of cement

However the optimum dosage is determined by 5 trials.

Eucon 37 should be added to initial batch water of the concrete mixture.

Do not dispense on to dry cement.

## PRECAUTIONS/LIMITATIONS

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- 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, consult the Safety Data Sheet before use.