



EUCON RETARDER 75

CONCRETE WATER REDUCING SET CONTROLLING RETARDER

DESCRIPTION

EUCON RETARDER 75 is a synthetically produced liquid water-reducing and set retarding admixture for concrete. It is a modified organic polymer of selected retarders. EUCON RETARDER 75 does not contain calcium chloride or other potential corroding materials, and may be used in the presence of aluminum or zinc metals.

It is compatible with air-entraining agents, water reducers and calcium chloride, but they must be added separately to the mix.

PRIMARY APPLICATIONS

- Concrete requiring water reduction and set time control
- Architectural concrete
- Hot weather concrete placement

FEATURES/BENEFITS

Plastic Concrete

- Retards setting characteristics
- Improves finishability
- Improves workability
- Reduces water requirements
- Reduces segregation

Hardened Concrete

- Increases strengths
- Improves finished appearance
- Reduces cracking
- Reduces permeability
- Non staining

TECHNICAL INFORMATION

PROPERTY	VALUE
Physical State	Straw yellow to light brown color liquid
Specific Gravity	1.100 ± 0.02 @ 27°C
pH	Minimum 6
Chloride Content	<0.2 %
Compatible with all cement types like OPC, OPC + Fly ash, PSC etc.,	

PACKAGING / YIELD

EUCON RETARDER 75 is packaged in 220 Kgs HDPE Barrel and 20 Kg HDPE pails.

SHELF LIFE

1 year in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- ASTM C 494, Type D
- AASHTO M 194
- ANSI/NSF STD 61

DIRECTIONS FOR USE

- EUCON RETARDER 75 is normally used at dosages of 50 to 250 ml per 50 kg of cement, depending on the application. Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.
- EUCON RETARDER 75 should be added to the initial batch water of the concrete mixture. Do not dispense onto dry cement.

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON RETARDER 75 above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Add to mix independent of other admixtures.
- In all cases, refer the Safety Data Sheet before use.