EUCON 537
HIGH RANGE WATER REDUCING RETARDING ADMIXTURE

DESCRIPTION

EUCON 537 is a high range water reducing admixture formulated specifically to extend the working time of flowing concrete at temperatures up to 130°F (54°C). EUCON 537 does not contain calcium chloride or any other ingredients that would promote the corrosion of steel.

PRIMARY APPLICATIONS

- Reinforced concrete
- High strength concrete
- Industrial slabs
- Lightweight 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.

PACKAGING

EUCON 537 is packaged in bulk, 275 gal (1041 L) totes, 55 gal (208 L) drums and 5 gal (18.9 L) pails.

TECHNICAL INFORMATION

Performance Data:
The following test results were achieved using typical ASTM C 494 mix design requirements, 517 lb/yd³ (307 kg/m³) cement content and similar (± 0.5)% air content. These results were obtained under laboratory conditions with materials and mix designs meeting the specifications of ASTM C 494. Changes in materials and mix designs can affect the dosage response of EUCON 537.

Graphs showing Eucon 537 Compressive Strength Results (psi) and Eucon 537 Set Time Results (hr:min)
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**Precautions/Limitations**

- The use of EUCON 537 varies with every application. It is recommended to run trial mixes before use to determine optimal performance of EUCON 537.
- To minimize concrete problems at concrete temperatures higher than 75°F (24°C), or in windy weather, follow recommendations of ACI 305R-10 report, “Hot Weather Concreting.”
- EUCON 537 must be protected from freezing.
- In all cases consult the Safety Data Sheet before use.