DELCO®

Set-Retarding Concrete Admixture

RAMKA
CONSTRUCTION
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DELCO® is a liquid set-retarding admixture formulated to delay concrete setting. Its polar molecules delay calcium-ion saturation and the reaction with water, thereby extending the concrete setting time.

Applications

- Mass and semi-mass concrete placements
- Pumpable and vibratable concrete
- Concrete transported over long distances

Approvals / Standards

- ASTM C494 Type B
- EN 934
- INSO 2930

Advantages / Benefits

- Easier concrete placement in windy areas
- Easier transport over long distances
- Improved concrete vibration
- Reduced risk of cold joints in large placements
- Reduced surface cracking
- Compatibility with Portland cements
- Improved long-term concrete strength

Guideline for Use

DELCO may be added at the concrete production station, added to ready-mixed concrete at the job site, or divided between the production station and the job site. For job-site addition, add the measured dosage to concrete brought to the truck-mixer opening and mix for several minutes. Where the dosage is divided between two locations, calculate each portion specifically for the project conditions.

Dosage

Recommended dosage: 0.1 to 0.3% by mass of total cementitious materials (0.1 to 0.3 kg per 100 kg of total cementitious materials). Typical dosage: 0.2% by mass of total cementitious materials. The exact dosage may vary according to air temperature, concrete temperature,
cement content and the required setting delay.

Storage

+10°C to +30°C, in dry conditions and away from direct sunlight

Packaging

20 kg can

Shelf Life

One year from production in the original packaging

Health and Safety

Do not swallow and avoid contact with the eyes.
In case of accidental skin or eye contact, rinse immediately with plenty of fresh water.
If swallowed, seek medical attention immediately.
Refer to the Safety Data Sheet (MSDS).
Non-flammable.

Product Information

Density	1.09 ± 0.02 g/cm^3 at 20°C
Chloride ion content	None

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