DELCO®

Set-Retarding Concrete Admixture

RAMKA
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DELCO® is a liquid set-retarding admixture formulated to delay concrete setting. The approved source states that 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

The approved source states a dosage range of 0.1 to 0.3 of the cement weight; no percentage symbol is shown. 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.

Basis Of Data

Product Information

Density	1.1 ± 0.05 g/cm^3
Chloride ion content	None

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