



Calcium Chloride

Cement Hydration Accelerator

Description

Calcium Chloride is a product that can be added to any portland cement based product to accelerate the rate of cement hydration.

Uses

Calcium Chloride is used for a variety of cement based construction needs including ready-mix concrete, stucco, and mortars for commercial, industrial, and residential applications. It is used in new construction or replacement of driveways, floors, poured walls, footings, sidewalks, curbs, gutters, patios, steps, porches, and swimming pools. **Calcium Chloride** is also used for making cinder blocks, concrete brick, pre-cast concrete shapes, septic tanks, pre-stressed forms, and burial vaults.

Benefits

- Reduces setting time— Both initial and final.
- Provides high early strength so finishing work can begin more quickly and be completed earlier.
- Allows the shoring to be removed earlier and forms can be reused earlier.
- Helps protect concrete from potential freezing damage, while reducing heating and concrete protection costs.
- Reduces water requirements, which reduces bleeding and improves workability.

Packaging: 50 lb. bags

56 bags per pallet

Non-chargeable pallet

Directions

Calcium Chloride should not come in direct contact with concrete (it may cause flash set). It should be added to aggregates in drum mixer or to mixed concrete just before discharge. When using with ready-mix concrete, calcium chloride should be added at the plant site if concrete is to be placed within one hour after its addition. Otherwise, it should be added at the job site, allowing three minutes mixing time.

Limitations

When temperatures are above 90°F, no more than 1 lb. of **Calcium Chloride** should be added to the concrete. Between 70°F and 90°F, 1 lb. to 1-1/2 lbs. should not be exceeded. Under 70°F, use up to 2 lbs. Never use more than 4 lbs. of **Calcium Chloride** per 100 lbs. of cement because of flash set probabilities. Always use cold water when dissolving **Calcium Chloride** to make up solutions. And always add **Calcium Chloride** to the water, not the water to **Calcium Chloride**.

Technical Service

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CAUTION: Do not allow contact with eyes or skin. Contains concrete aggregates sand/gravel (CAS# 14808-60-7). Avoid breathing dust. Respirable silica may cause serious lung problems. There is limited evidence silica is a carcinogen. The use of gloves, goggles, and where appropriate, dust masks and other protective clothing is recommended.

CALCIUM CHLORIDE

NOTICE OF LIMITED WARRANTY US MIX Products Co. (manufacturer) warrants to buyer that this product at the time and place of shipment is of good quality and conforms to the manufacturer's specifications in force on the date of manufacture when used in accordance with the instructions hereon. Manufacturer cannot warrant or guarantee any particular method of use, application or performance of the product under any particular condition. This limited warranty cannot be extended or amended by manufacturer's sales, people, distributors or representatives or by any sales information, specifications of anyone other than the manufacturer. Liability under this warranty is expressly limited to refund of the purchase price.

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