



CHEM-SET

CONCRETE & MORTAR ACCELERATOR & DENSIFIER



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Pompano Beach, Florida.
www. Builderscolor.com

Description:

Calcium Chloride based solution containing wetting additives to accelerate the setting time and act as a densifier for all Portland cement mixes.

Uses:

This product is used to increase the hydration rate of the cement paste. It also reduces permeability and water vapor transmission and is used as an additive to make quick setting underwater leak repair mortar. It can be used as a cold weather accelerator on concrete and mortars.

Limitations:

Product is not recommended for use in metal reinforced structures because it is corrosive to metals. It is recommended to use an alternative non-corrosive admixture if reinforcement is a critical component.

There are chloride free solutions when using with metal reinforcement. Call our office for more information on alternative products available.

Installation:

Added to the mixing water at the recommended dosage before integrating with the Portland Cement mix. Use mortar or concrete as soon as possible and only mix enough that can be used before initial set. If added to concrete ready-mix, add product on the job site at a tested pre-determined rate and mix at least 70 revolutions prior to pouring.

Packaging:

5 gallon pails and 55 gallon drums.

Compliance:

ASTM D-98 Type L
ASTM C-494 Type C

Clean-up:

Clean spills immediately. Use soap and water.

Safety:

Irritant to skin, eyes and mucous membrane. Use plenty of clean water to wash skin and eyes and seek medical attention if irritation persists.

If accidentally ingested induce vomiting and seek medical attention immediately.

Wear rubber or non-absorbent material gloves so as to eliminate the possibility of alkaline burns. Use protective eye equipment and skin protection when working with this product. Keep away from children and pets.

Dispose un-used material responsibly according to local ordinances.

Do not use on reinforced concrete structures because it will promote corrosion in metals. Do not use with galvanized metals, as it will produce hazardous gases and corrosion.

Do not mix with metallic grouts or over Zinc Coatings.

Typical dosages*

Temperature F°	Dosage per 94# of Portland
80 and rising	1 Pint (16 ounces)
70 to 79	1 Quart (32 ounces)
50 to 70	1.5 Quarts (48 ounces)
30 to 50	1/2 Gallon (64 ounces)
20 to 30	3/4 Gallons (96 ounces)
30 and below	1 Gallon (using thawed water)

Protect work in sub-freezing temperatures

**This is only a reference. Field testing is encouraged to establish proper dosages depending on ambient temperature.*



DIV-03-04 Concrete & masonry Materials



Warranty: When product is used according to directions and when properly used, warranty is limited to one year after product is supplied to the purchaser in the original container. Refund of the purchase price only if deemed defective at manufacture. This product is intended for industrial professional use by competent tradesmen with sufficient knowledge and experience on use and proper handling of these products. The purchaser agrees to assume all responsibility for installation, product selection, application, job warranties, use, transport and disposal of product. Builders Construction Products shall not be liable to the purchaser or any third party for costs of labor or direct or indirect and incidental or consequential damages related to the use transport or suitability of this product. No other warranties are implied. Responsible disposal of used products and packaging is the responsibility of the purchaser and or user. This product does not contain hazardous or controlled substances considered harmful to the environment.

Disclaimer clause; while we try to publish the most accurate information we reserve the right to correct mistypes and incorrect statements if discovered. If at any time you have doubts about the contents of any of our literature, you are encouraged to call us.

FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN AND PETS.

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“THE QUALITY OF OUR COMPANY SHOWS IN IT’S PRODUCTS”

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