



CERTI-VEX[®] TRIPLE SET

Meets ASTM C 494 Type C Admixture
Concrete and Masonry Accelerating Admixture – Dust Control

VOC Content: 0 gr./liter

DESCRIPTION

CERTI-VEX TRIPLE SET is an accelerating admixture for use in concrete, Portland Cement and mortar. Certi-Vex Triple Set is a ready to use liquid, added directly to the gauging water to reduce the water requirements and set times of concrete and mortar mixes. Certi-Vex Triple Set improves workability, increases the early high and ultimate strength of structures, and improves wear resistance properties. Through the use of exclusive rust preventive additives, Certi-Vex Triple Set reduces chloride ion corrosion of reinforcing steel.

BENEFITS

- Reduces set time in cold weather applications
- Reduces mix water requirements
- Increases the high early and ultimate strength of concrete and mortar
- Improves workability
- Helps fight corrosion and reduces efflorescence
- Assists in cold weather concrete scheduling
- Ready to use liquid
- Enhances the effects of air entraining agents

SPECIAL NOTES

GENERAL:

- When temperatures are below 25° F (-4° C) for long periods where cementitious products are being placed, supplemental heat is required as per the recommendations of the American Concrete Institute.
- When using Certi-Vex Triple Set, exposed metal should first be coated with **Certi-Vex[®] AC1315** at low temperature ranges (0° - 40° F)

MASONRY APPLICATION:

- When working with mortars limed in equal proportions to the cement, double the amount of Certi-Vex Triple Set required. For different mix ratios contact Vexcon directly before usage.
- Check Certi-Vex Triple Set on a small amount of specialty mortars before use.

CONCRETE APPLICATION:

- When using on concrete mixed on the job site from bags, calculate the ratio based on anticipated yield of mix in cubic yards. For example, if mixing 1/2 cubic yard of Concrete above 25° F., 2 quarts of Certi-Vex Triple Set should be added to the gauging water. The gauging water should be reduced 10-15% to achieve desired slump.

APPLICATION

MASONRY: Certi-Vex Triple Set reduces water requirements to achieve desired slump by as much as 15%. Certi-Vex Triple Set will enhance the effect of air ENTRAINING agents. Mix Certi-Vex Triple Set with the gauging water, NEVER ADD DIRECTLY TO THE DRY CEMENT.

LOWEST ANTICIPATED TEMPERATURE FOR 24 HRS.

Above 50° F

50-32° F

32-25° F

Below 25° F

instructions in the SPECIAL NOTES "MASONRY APPLICATION" section of this bulletin

CONCRETE: Add Certi-Vex Triple Set with water and agitation to ready mix concrete, do not dispense directly onto dry cement. When air temperatures are below 50° F (10° C) follow "Recommended Practice For Cold Weather Concreting" of the American Concrete Institute. Certi-Vex Triple Set reduces water requirements to achieve desired slump by as much as 15%. Air entrained concrete mixes containing Certi-Vex Triple Set display improved efficiency. When making air entrained cement, a batch test is required to determine reduced levels of entraining agent required to achieve required or desired air entrainment levels.

LOWEST ANTICIPATED TEMPERATURE FOR 24 HRS.

Above 50° F

50-25° F

Below 25° F

instruction in the SPECIAL NOTES "CONCRETE APPLICATION" section of this bulletin.

DUST CONTROL: Spray Certi-Vex Triple Set with power sprayer on road at 350 sq./ft./gal. to reduce dust. Certi-Vex Triple Set as it dries is hydroscopic and will continue to keep surface wet holding down dust.

SPECIFICATIONS

- Meets EPA and AIM VOC regulations
- Meets all requirements of ASTM C 494 for Type C admixtures

CERTI-VEX TRIPLE SET DOSAGE PER BAG OF MORTAR

Monitor application rate to desired acceleration.

1 pint per bag

1 quart per bag

1 1/2 quarts per bag and follow

instructions in the SPECIAL NOTES "MASONRY APPLICATION" section of this bulletin

CERTI-VEX TRIPLE SET DOSAGE PER YARD OF CEMENT

Monitor application rate to desired acceleration

1-1.5 gallons per cu yard

1-1.5 gallon per cu yard and follow

PACKAGING

Certi-Vex Triple Set is available in 55-gallon drums, 5-gallon pails and 1-gallon units. Also available in totes, bulk containers and bulk shipments. Contact Vexcon directly to discuss your customized packaging requirements.

VITAL STATISTICS

- Boiling Point: 212° F (100° C)
- Autoignition temp: ND
- Extinguishing media: CO₂ Extinguisher

THIS PRODUCT INCLUDES

Material or Component Cas No. Hazardous Data UN#
Calcium Chloride 10043-52-4 5 mg/M³
Water NA
Common Name: Liquid Calcium Chloride
D.O.T. Shipping Name: Certi-Vex Triple Set
(Non-Regulated)

PHYSICAL PROPERTIES

- Color Light Blue
- Baume 32 degrees
- Solids 29%
- Specific gravity 1.28 - 1.30
- Wt/Gal 10.7#
- Wt. of Calcium Chloride 3.98 #/gal
- Freezing Point -50° F (-46° C)
- pH 10.7 - 10.8

HEALTH AND SAFETY

- CAUTION: May irritate mucous membranes
- Long term overexposure may cause damage to skin and/or respiratory tract.
- Use only with adequate ventilation
- Use of gloves, goggles and other protective clothing is advised when using this product.
- If swallowed, do not induce vomiting.

Vexcon MSDS #AB104 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet. Before using product, it is advisable to obtain a copy of the MSDS, AB104, from your distributor or by contacting Vexcon Chemicals.

CONTACT US @

Additional product information, technical assistance and customer service is available by contacting Vexcon Chemicals directly or our distributors.

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- TechnicalService@vexcon.com
- CustomerService@vexcon.com
- Sales@vexcon.com
- Voice: 888.839.2661
- Fax: 215.332.9997

SHELF LIFE

If properly stored in its original sealed container, one year.
Rotate your stock