

X-Mix CN

Calcium Nitrite corrosion inhibiting admixture

80160107

Product Description

X-Mix CN is a corrosion inhibiting admixture manufactured from the main chemical types specified as a corrosion inhibitor for concrete.

Advantages

- Provides corrosion protection
- Can be used in conjunction with other admixtures
- Chloride free

Uses

X-Mix CN is suitable for use with all types of ordinary Portland cements, sulfate resisting Portland cement and pozzolanic materials such as PFA, GGBFS and microsilica.

Specification Compliance

ASTM G109

Dosage

X-Mix CN should be used at addition levels required in the concrete specifications. Typical dosages in the range of 7.5 to 22 liter per cubic meter of concrete is normal. Because of the higher dosage levels used the water content in the concrete mix should be adjusted.

Dosages outside this range can be used to produce particular mix requirements, provided that extensive trial mixes and laboratory have been conducted.

Properties

Appearance : Pale Straw coloured liquid
Chloride Content: Nil to BS 5075
Calcium Nitrite content 30-35%

Packaging

210 litre drums and bulk supply.

Storage

12 months when stored at between 2 to 50°C.

Dispensing

X-Mix CN should be added to the concrete while being mixed using a suitable dispenser. Add to the concrete with the mixing water to obtain best results.

Curing

As with all concrete elements, concrete cast using X-Mix CN should be cured with a X-Cure curing membrane , water or wet Hessian.

Compatibility

X-Mix CN is compatible with a wide range of admixtures used in the same concrete mix. All admixtures should be added to the concrete separately and must not be mixed together prior to addition. The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

Clean Up

Clean up spillages of by absorbing onto sand and transferring to suitable containers. Any residue should be washed down with large quantities of water. The disposal of excess or waste material should be carried out in accordance with local regulations.

Health and Safety

This product is for industrial use only by trained operatives. It is not considered hazardous if used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product. The MSDS can be obtained via our website www.x-calibur.us.

Authorized Technical Specialist

Please note that only X-Calibur Authorized Technical Support Specialists ('ATSS') are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product. Visit www.x-calibur.us for a full list of X-Calibur ATSSs.

Datasheet Validity

X-Calibur makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on www.x-calibur.us to ensure you have the latest version.

Warranties

X-Calibur supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. X-Calibur does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to X-Calibur in writing within five working days of being detected. X-Calibur Construction Systems Inc. **makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied.** X-Calibur Construction Systems Inc. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.



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