

Arcrete CN

Accelerating and Corrosion Inhibitor Concrete Admixture

Description

Arcrete CN is a calcium nitrite based corrosion inhibiting admixture for steel reinforced concrete.

Arcrete CN contains minimum 30% active ingredients by mass. **Arcrete CN** is formulated from carefully selected raw materials and is manufactured under controlled conditions to give a consistent product. It is based on high Calcium Nitrite and depending on addition rate, and it conforms to Type C material of ASTM C-494.

Typical Properties

Appearance: Brown Liquid

Specific Gravity: 1.3 at 20°C

Chloride Content: Nil

Computability

With Cements:

Arcrete CN is compatible with all Portland, Pozzolanic and blast furnace cements. It is also compatible with concrete containing fly ash and silica fume.

With Other Admixtures:

Arcrete CN is compatible with other ARKAZ admixtures in the same concrete mix. All admixtures should be added to the concrete separately and must not be mixed together prior to addition. The performance of concrete containing more than one admixture should be assessed by trial mixes to ensure the desired combination of effects is obtained.

Addition Rates

Range:

Typical specified dosage levels are normally in the range of 7 to 22 liters per cubic meter of concrete. Because **Arcrete CN** has a high dosage level, calculation of water cement ratio should include the water added to the mix in the admixture.

The optimum dosage is assessed after preliminary trials depending upon the actual mix constituents and specifications required.

Addition rates outside of the recommended dosage range may be used for special concrete applications. In such circumstances it is important to conduct preliminary trials on the actual mix constituents to assess the effect on the properties of the concrete at the dosage level specified.

Dispensing

It is preferable that **Arcrete CN** should be introduced into the mixer by means of independent automatic dispensing equipment. Such equipment or advice on dispensing can be obtained from Arkaz.

Method of Use

Arcrete CN is supplied ready for use. It should be added to concrete mixes either during the mixing cycle or at the same time as the water, or alternatively it should be added in its supplied form to a normal concrete mix a few minutes before the pour is made.

In the latter case further mixing should be provided to ensure complete dispersion.

Health and Safety

For further information, please consult Arkaz

Technical Service

The technical service department of Arkaz Alsharq Building Materials is available to assist in the correct and best use of our products. These resources and advice are at your disposal entirely without obligation. Please contact:

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Storage

Arcrete CN should be stored in original containers or suitable closed tanks preferably away from extremes of temperature. The product should be kept in shaded storage at all times.

Storage Life in:

12 months from date of manufacture.

Packaging

Arcrete CN is supplied in 210 non-returnable drums.

Alternatively, 1,000 liter totes and bulk deliveries can be arranged.

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