

# Arcrete CNI

Corrosion Inhibitor Concrete Admixture

## DESCRIPTION

**Arcrete CNI** 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.

## TYPICAL PROPERTIES

**Appearance:** Yellowish Clear Liquid

**Specific Gravity:** 1.25 at 20°C

**Chloride Content:** Nil as per BS 5075

## COMPATIBILITY

With Cements:

**Arcrete CNI** is compatible with all Portland, Pozzolanic and blast furnace cements (GGBFS) as It is also compatible with concrete containing fly ash and silica fume.

With Other Admixtures:

**Arcrete CNI** 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 CNI** 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 CNI** 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

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## PACKAGING

**Arcrete CNI** is supplied in 210 non-returnable drums. Alternatively, 1,000 liter totes and bulk deliveries can be arranged.

## HEALTH AND SAFETY

For more Safety information you can check Product Material Safety Data Sheet, send an email to [ConcreteDoctor@arkaz.com](mailto:ConcreteDoctor@arkaz.com) or Contact Arkaz Technical Department.

## STORAGE & SHELF LIFE

**Arcrete CNI** should be stored in original containers or suitable closed tanks preferably away from extreme temperature. Always keep product in shaded storage.

Storage Life: 12 months from date of manufacture.

## TECHNICAL SERVICE

The technical service department of Arkaz 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:  
concretedoctor@arkaz.com

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