

Arcrete CIA-800

Corrosion Inhibitor Concrete Admixture

DESCRIPTION

Arcrete CIA-800 is a steel Corrosion inhibitor which can be mixed with concrete or coated on its Surface; it can prevent or delay the corrosion process. **ArcreteCIA-800** is a liquid concrete admixture formulated to protect embedded reinforcing steel from corrosion, and to provide an effective means for extending the service life of concrete structures. This product will develop a protection layer on the metallic reinforcing rod. It can prevent the metallic ion, corrosion medium, hydrogen and oxygen permeating the concrete structure as it will effectively prevent or delay the chemical deterioration.

TYPICAL PROPERTIES

Appearance: Yellowish Clear Liquid

Specific Gravity: 1.02 at 25°C

Chloride Content: Nil as per BS 5075

COMPATIBILITY

With Cements:

Arcrete CIA-800 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 CIA-800 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:

General industrial civil buildings, bridges and other minor corrosive environment, as well as Harbor engineering, coastal construction and other serious corrosive environment, the recommended dosage is between 0.6 - 1 L/M³.

Arcrete CIA-800 is recommended for all concrete structure and waterproof, especially for the high-grade concrete in severe atmosphere. If **Arcrete CIA-800** is applied on the new and built concrete structure and its steel, it will lengthen its life and keep the appearance.

DISPENSING

It is preferable that **Arcrete CIA-800** 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 CIA-800 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.

PACKAGING

Arcrete CIA-800 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 or Contact Arkaz Technical Department.

STORAGE & SHELF LIFE

Arcrete CIA-800 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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