

Arcrete CIA-800 Instruction for Use

Description

The steel inhibitor is a chemical mixed into concretes or coated in the surface of concretes; it can prevent or delay the corrosion process. Spray CIA-800 on the surface of concretes, it will permeate the concrete structure. Then CIA-800 will react with water molecule in acid or alkali based solution and form hydrophobic layer. This product will develop a protection layer on the metallic reinforcing rod. They can prevent the metallic ion, corrosion medium, hydrone and oxygen permeating the concrete structure. It can effectively prevent or delay the chemical deterioration.

Uses

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

Specification

Appearance	Transparent liquid
Specific Gravity	1.03~1.05
pH	10.5~11.5
Processing method	Brushing and spraying

Processing method

1. Surface request: No water, dirt, dust, oil stains and other pollutant on the surface. The effect will be better if the high pressure gun to clean is applied and keep the surface dry.
2. Concrete age request: The newly built concrete should be sprayed after 28 days, the repaired concrete should be sprayed after 14 days. Dosage for your reference: The quantity of dosage depends on the penetration, compressive strength and designed age of concrete. The higher level of the compressive strength and the shorter age, the less dosage. The total dosage is 3.68 to 7.36m²/l
3. Manner of execution: The product can be use directly. Sealed spray rod, roller or brush can be used. Keep away from the sun.
4. Construction process: Coat evenly the protective agent with the brush or spray on

the back, keep the back moist for 5 seconds at least. The times of brushing is decided by the absorbability of the surface. Just keep the same total amount.

7hours time interval is required between two brushed. The processed surface must be kept dry, it will be effective after 24 hours natural withering.

Package and Storage

The product is available in 200 L drums and 1000 L flowbins. It should be kept free of wet and moisture in the process of transportation and storage. It should be stored in clean, shady, dry and ventilated storerooms. The storage life is one year.

Attention:

1. It should be kept free of wet and moisture from solidification before use. The newly opened products should be used in 45 minutes each time.
2. Contacting experiment is suggested to be carried on with other materials to confirm no negative effect.
3. Partial test is recommended before construction in large area to confirm the effect and the best amount used.

Safety tips:

The solidized product will produce ethanol which is inflammable substance. Keep it away from explosive and flammable products, especially fire.

It should be stored in clean, shady, dry and ventilated storerooms. If sucked it not carefully, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately. If contact the skin and eyes, give large quantities of water while removing contaminated clothing and shoes. Call a physician immediately. If swallowed, give large quantities of water and drink milk or egg white, and call a physician immediately.

Other information :

Here provides the information is real and accurate. But actual state is unexpected, this information cannot ensure specific final use security, effective and completely satisfied customer test. If the further information is required, you can contact with our company.