



**SIDER-CRETE, INC.**

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# **SIDERITE & AAC / SIDERITE-C & AAC**

## **THE NATURAL CEMENT PAINT**

### **1.0 DESCRIPTION**

#### **1.1 General**

**Siderite** and **Siderite C** (coarse texture) are durable, flexible, cementitious paints for exterior or interior masonry substrates yielding thick textured finish. A blended composition of Portland cement, sand and non-synthetic chemical additives, **Siderite** offers a spectrum of many attractive standard colors, with custom colors formulated upon request. **Siderite** performs like a protective skin that will not trap moisture, thus allowing substrates to breathe naturally and providing the unique balance of water repellency and exceptional vapor permeability. **Siderite** is designed to adhere directly to masonry blocks, concrete, brick, stucco and/or Sider-Base Concentrate AAC when working over Aerated Concrete. **Siderite AAC** may also be used in direct application over Autoclaved Aerated Concrete blocks or panels.

### **2.0 MATERIALS**

#### **2.1 Product**

**Siderite** consists of factory blended white Portland cement with pigments, additives (water repellent agents, UV resistant agents) and proprietary admixture. **Siderite** is available as a 60 lb. (27.2 kg) bag of factory blended pre-sanded mix requiring only the addition of potable water at the job site.

### **3.0 MIXING INSTRUCTIONS**

#### **3.1 Mixing**

Approximately 3 gallons (12 Liters) of clean potable water is to be added per bag of **Siderite**. Mix in a clean bucket for no less than 5 minutes to yield good plasticity and a homogeneous mix, to ensure material is mixed thoroughly, and to ensure complete dispersion of all ingredients. For best results, mix 3 bags of **Siderite** at a time. Repeat the mixing procedure and add the same amount of water with every batch to avoid color variations. Do not re-temper the material nor use partially set or frozen material in the mix. This may cause color variation.

## 4.0 INSTALLATION

### 4.1 Surface preparation

Surfaces must be free of all bond-inhibiting materials, including dirt, efflorescence, from form oil and other foreign particles. Paint, loose or damaged material must be removed by water blasting, sandblasting or mechanical wire brushing and repaired. Irregular surfaces must be resurfaced, patched or leveled to required tolerance and smoothness. Refer to ASTM C-926 for complete details on preparation and required condition of surfaces to receive Portland cement based coatings and recommended construction practices. Dampen excessively dry and overheated substrates before application.

### 4.2 Application:

Apply **Siderite** directly over the concrete, masonry or AAC surfaces with a clean paint roller or a paint- brush in two coats. Allow 24 hours between coats. A trowel may be used to roll the grains of sand when achieving a pebble texture.

**Important:** Apply **Siderite** in a continuous application, always working to a wet edge to eliminate cold joints. Arrange for the completion of an entire area. Avoid installation in direct sunlight.

### 4.3 Limitations

Apply **Siderite** when surface and ambient temperatures are above 40° F (4° C) and below 95° F (35° C) during application and drying period. Do not apply to overheated, excessively dry or frozen substrate, nor during periods of high winds. Contact Sider-Crete, Inc. for application outside these temperature ranges. Due to the natural ingredients which make-up **Siderite** or the nature of the substrate, the development of efflorescences may naturally occur and appear on the surface of **Siderite**.

## 5.0 MISCELLANEOUS

### 5.1 Packaging

60 lb. (27.2 kg) bag of powder in a 3-ply paper bag with moisture barrier

### 5.2 Coverage

180-300 square feet over concrete per 27.2 kg bag according to substrate, texture and desired finish appearance

*(Coverage is approximated and is given for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions and application techniques.)*

### 5.3 Technical assistance

For technical support, contact Sider-Crete, Inc. at (1) **478-892-9800**

### 5.4 Storage and Shelf Life

Shelter in a dry environment from extreme heat, direct sunlight, rain and freezing. Shelf life is 6 months in the original sealed packaging properly sheltered.

## **5.5 Clean up**

**Siderite** cleans up with water prior to drying. Clean tools and equipment after use with water. Clean up and remove materials from the site caused by the installation and dispose of by federal, state and local regulations and guidelines in an approved landfill.

## **5.6 Commercial Name**

**SIDERITE & SIDERITE-C**

**SIDERITE AAC & SIDERITE-C AAC**

*And now, enjoy using **SIDERITE** and benefit from this revolutionary technology developed by Sider-Crete, Inc., innovative leaders in the construction industry since 1937.*

*While every effort has been made to be comprehensive and accurate, the publisher cannot accept any liability for omissions or errors. Users should contact Sider-Crete for the product(s) referred to in this specification to ensure that any information used to make decisions about the product is as up-to-date and complete as possible.*