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MONOSIDERAL F

PRODUCT DATA

Features and uses:

- Premixed bag only requiring clean water added
- Exterior or interior application from 1/8" (3mm) to 1/4" (5mm) directly to a stucco brown coat or up to 3/8" (9.52mm) directly to masonry surfaces.
- Renders a mottled **antique finish** with some color variation.
- Direct application to brick with a bonding agent (Sider Resin M50) for a "slather look".
- Allows substrate to breath
- Water clean up
- Available in 42 standard colors and **custom colors on demand**.
- Also used as a finish coat for Autoclaved Aerated Concrete construction.

Monosideral F is a premixed cement based colored stucco finish coat for multi surfaces.

Coverage:

55 to 70 square feet per 66lb (30 kg) bag at approximately 1/8" (3mm) thickness.

Packaging:

One 66 lb / 30 kg bag of powder

Shelf Life:

Shelf life is one year in the original sealed packaging properly sheltered in a dry environment.

Storage:

Protect in a dry environment from extreme heat, direct sunlight, and rain.



Surface Preparation

Stucco base coat and Masonry Surfaces (Brick or CMU):

Masonry and stucco base coat (brown coat) surface 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. Irregular surfaces must be resurfaced and leveled to required tolerance and smoothness. Surface may require misting with water during hot weather application. Once applied, rod or level the brown coat with a trowel. Then float the brown coat to eliminate slick spots. Brown coat can also be “back-troweled” to create a mechanical bond. Dampen the surface with clean water to enable even suction and extended working time. Surface can be damp but not wet to the touch to avoid the finish coat from rolling off the wall during and after application.

Autoclaved Aerated Concrete surface:

Install Sider-Crete AAC base coat (Monobase AAC or Sider Base Concentrate AAC) prior to the application of Monosideral. AAC base coat shall be leveled to tolerance and must be free of all bond-inhibiting materials, including dirt, efflorescence, and other foreign particles. Surface may require misting with water during hot weather application. Monosideral. AAC base coat shall be damp but not wet to the touch. Follow the steps above for application over a brown coat and refer to Sider-Crete, Inc. AAC coatings installation procedure.

Mixing Instructions

Approximately 5.5 to 6 quarts of clean cool potable water is to be added per bag of **Monosideral F**. Add water first to a stucco mixer then add **Monosideral F**. Mix for 3 to 4 minutes to yield good plasticity and a

homogeneous mix. Allow the mix to rest for 5 minutes then continue mixing for an additional 3 to 4 minutes. Do not re-temper the material nor use partially set or frozen material in the mix.

Application

Masonry and stucco base coat application:

Apply **Monosideral F** directly over a stucco brown coat or masonry surface (concrete blocks, bricks). Poured concrete is also an acceptable surface with the use of bonding agent Sider Resin M50. CMU blocks require a base coat application to avoid telegraphing of the joint lines. With a clean, stainless steel trowel **Monosideral F** to a uniform thickness of 1/8” (3mm) to 3/16” (4.75mm) in one or two successive coats (double back application). A double back application will allow the first coat application to take on the suction from the brown coat. This will allow for a longer working time of the second coat. Trowel down the material with a stainless steel trowel for a smooth finish then allow to set. Set time will vary according to ambient conditions. Then use a sponge in a circular motion to float the material to create a sand finish. A skip trowel texture application requires the application of an even first coat and then allowing it to set. Then apply a small amount of material using the skip trowel technique to the desired textured finish coat.

Spray machine application:

This product can also be applied using a variety of spray equipment including rotor stator or piston pumps. Please consult Sider-Crete, Inc. for application and spray equipment recommendations.

Carefully observe application limitations to avoid the development of efflorescence. Avoid application of the material during cold weather especially when rain is expected within days. Make sure that gutters and downspouts are installed and that rain water is not allowed to run onto the finish coat from the roof or areas where it may collect. Contact Sider-Crete if you have any doubts about application of this material during cold weather months. A variation in color is to be expected with this type of cement finish. The color variation or “mottled finish” result with this product should be understood and clearly explained to the customer prior to application of this product. Please consult Sider-Crete, Inc. for project references and information dedicated to the appearance of this finish. Do not use any additives on site with this product.

Recommended Tools

Drill: DeWalt ½” drill, Type 3, 7.8 A / 450 rpm or similar

Paddle: Large square mortar paddle (not small paint paddle)

Trowel: Stainless steel trowel

Sponge: Sponge Float

Pail: 5 gallon pail to mix a full 55lb (25kg) bag.

Mixer: cement mixer (gas or electric)

Limitations

Apply **Monosideral F** when surface and ambient temperatures are above 45° F (8° C) and below 95° F (35° C) during application and drying period. For application outside of these temperature ranges, please contact Sider-Crete, Inc. technical support for additional information. Do not apply to over-heated, excessively dry or frozen substrate, in direct sunlight when possible,

nor during periods of high winds and rain. Due to the natural ingredients which make-up **Monosideral F** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Monosideral F**. Consult with Sider-Crete for removal method of efflorescence.

Clean Up

Clean tools and equipment after use prior to drying with water. Clean up and remove all debris and materials from the site caused by

the installation according to federal, state and local regulations and dispose of waste in an approved landfill.

Health and Safety

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Product is alkaline and may burn or irritate upon contact with eyes or skin. Do not ingest. Use of safety

goggles, rubber gloves and dust respirator is recommended. Take measures to contain and reduce dust.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes and **SEEK IMMEDIATE MEDICAL ATTENTION.** For skin contact, wash thoroughly with soap and water. If swallowed, **SEEK**

IMMEDIATE MEDICAL ATTENTION. For additional information, call Sider-Crete, Inc. at 888- 743-3750 or CHEMTREC at 800-424-9300. Refer to Material Safety Data Sheet (MSDS) for further information.

Attention

Sider-Crete, Inc. products shall be prepared, mixed and applied for its intended use, in strict accordance with Sider-Crete's recommended mixture and application procedures and specifications. Defects in materials caused by improper storage, misuse, mishandling or failure to strictly follow the specific application specifications and procedures of Sider-Crete, Inc. for its various products are not warranted under any circumstances. Sider-Crete, Inc. shall not be responsible for any damage or injury caused in whole or in part by force majeure, structural movement, insufficient, improper or defective waterproofing between Sider-Crete and non-Sider-Crete materials, nor any other damage or injury not solely and directly caused by a defect in Sider-Crete,

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