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MONOBASE BC CONCENTRATE

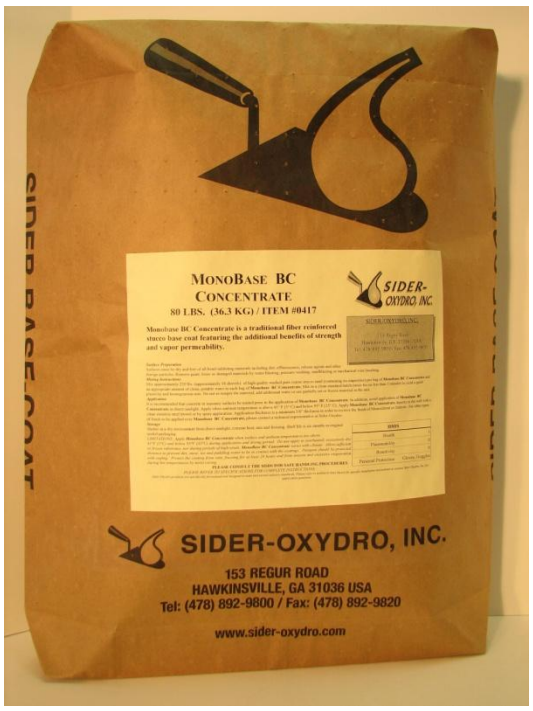
PRODUCT DATA

Features and uses:

- Application from 3/8” (9.5mm) to 1/2" (12.7mm) **in one coat**. Or used as a scratch and brown coat for thicker applications.
- Fiber reinforced for added crack resistance.
- An 80lb (36.3 kg) bag with factory added propriety admixture for superior application and performance.
- Product standards: **Cement ASTM C 150. Lime ASTM C 206 type S. Fibers ASTM C 1116.**
- Sand is added on the jobsite.
- Perfect for direct application to CMU blocks, concrete and lath over open framing.
- Allows substrate to breath
- Water cleanup and gray in color
- In compliance with ASTM C 926

Monobase BC Concentrate is a fiber reinforced stucco base coat.

Coverage:
55 to 65 square feet per bag at ½” (12.7mm) thickness.



Packaging:
One 80 lb / 36.3 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, freezing and rain.

Surface Preparation

Surfaces must be free of all bond-inhibiting materials, including dirt, efflorescence, from form oils 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 stucco and recommended construction practices when installing stucco. Dampen excessively dry and overheated substrates before application. On certain substrates, such as porous surfaces & older concrete, the use of bonding agent such as Sider-Resin M50 is recommended. For application over lathed construction, apply to lath installed according to ASTM C 1063. Wood based sheathing or other sheathing require an approved water-resistive barrier.

Mixing Instructions

Add clean cool water and stucco sand (do not use fine masonry sand. Use sand with some coarse sand in accordance with ASTM C 144) and mix in a clean standard stucco-mixing machine for no less than 5 minutes to achieve a consistent, homogeneous mix: First, add around 3 gallons (11.3L) of water then add 60 lbs. (27.2 kg) of sand and 1 bag of **Monobase BC Concentrate.** Then add the remaining sand and water for a workable mix. Total amount of sand should be around 220 lbs. (100kg) or approximately 17 heaping shovels. Do not over-mix. Repeat the mixing procedure and add the same amount of water with every batch. Do not re-temper the material in the mixer nor use partially set or frozen material in the mix. Contact Sider-Oxydro for information regarding appropriate sand grade. Use mix immediately after mixing.

Application

Apply **Monobase BC Concentrate** directly over CMU, concrete, masonry or lath surface with a clean, stainless steel trowel in one or two coats for a thickness of ½" (12.7 mm) minimum according to substrate and surface conditions. The maximum thickness applied in one coat should be ½" (12.7mm) maximum. Once applied, the working time for material is up to 20 minutes, according to ambient temperatures and surface condition. Level the surface after application or score the surface to provide a mechanical bond for subsequent coats.

Spray Application

Apply **Monobase BC Concentrate** with a conventional plaster pump over the CMU, concrete, masonry or lath surface. Hold the spray nozzle at the same distance and move with a steady, even stroke building to the desired thickness. Apply an even coat to ensure full coverage in a one or two coats for a minimum thickness of 1/2" (12.7 mm) thickness, according to the substrate and surface conditions. The maximum thickness applied in one coat should be ½" (12.7mm) maximum. Once applied, the working time is up to 20 minutes according to ambient temperatures and surface condition. Level the surface after application or score the surface to provide a mechanical bond for subsequent coats.

Important: Apply **Monobase BC Concentrate** 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. It is recommended that newly applied **Monobase BC Concentrate** be fogged and kept damp for 24 hours. Dry weather application may require longer moist curing. Moisten the surface of the dry **Monobase BC concentrate** prior to applying subsequent coat. Moisten the surface of Monobase BC Concentrate prior to the application of a cement based finish coat.

Recommended Tools

Trowel: Stainless steel trowel
Sponge: Sponge Float
Mixer: cement mixer (gas or electric)

Limitations

Apply **Monobase BC Concentrate** 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-Oxydro, 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 **Monobase BC Concentrate** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Monobase BC Concentrate.**

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. This product contains crystalline silica. 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-Oxydro, Inc. at 888- 743-3750 or CHEMTREC at 800-424-9300. Refer to Material Safety Data Sheet (MSDS) for further information.

Attention

Sider-Oxydro, Inc. products shall be prepared, mixed and applied for its intended use, in strict accordance with Sider-Oxydro'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-Oxydro, Inc. for its various products are not warranted under any circumstances. Sider-Oxydro, 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-Oxydro and non-Sider-Oxydro materials, nor any other damage or injury not solely and directly caused by a defect in Sider-Oxydro, Inc. products. Users and/or Purchasers agree that Sider-Oxydro, Inc. cannot accept any liability for omissions, errors, end-result of projects, or any cause or effects resulting from our recommendations. Users and/or Purchasers should contact their architect and/or engineer regarding the appropriate product to be specified and used for their project and acquire the latest products specifications, to ensure that any information used to make decisions about the product(s) is as up-to-date and complete as possible. All sales are subject to Sider-Oxydro, Inc.'s Terms and Conditions of Sales.