



153 Regur Road
Hawkinsville, GA 31036 USA
1.478.892.9800
888-743-3750
www.oxycool.com

SIDER-REPAIR

PRODUCT DATA

Features and uses:

- Interior and exterior concrete repairs to 1" (25.4mm) in one coat.
- Perfect for **pool plaster and crack repairs** prior to resurfacing with Sider Proof FF-PR.
- Polymer modified for added durability and perfect adherence to concrete surfaces
- Also perfect for **pool bull nose repairs, pool decks, concrete walls, block repairs and more.**
- Water clean up
- grey in color
- Pre-blended only requiring clean water added.

Sider Repair is a general purpose fiber reinforced trowel applied concrete and resurfacing repair mortar for interior or exterior applications.

Coverage:

35 square feet (3.25 m²) per 55lb (25kg) bag at ¼" (.64 cm) thickness.
14 square feet (1.3 m²) per 22 lb (10 kg) pail at ¼" (.64 cm) thickness.

Packaging:

One 55 lb / 25 kg bag of powder.
One 22 lb. / 10 kg pail.

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

Surfaces must be free of all bond-inhibiting materials including dirt, efflorescence, release agents and other foreign particles. Remove paint, loose or damaged materials by water blasting, pressure washing, sandblasting or mechanical wire brushing. **The application of Sider-Resin M50, as a**

bonding agent, is required prior to the application of Sider-Repair. Refer to ASTM C-926 for complete details on preparation and required conditions of surfaces to receive Portland cement based coatings and recommended construction practices.

Mixing Instructions

Add approximately 4.5 quarts (4.5) liters of clean, potable water to one 55 lb. (25 kg) bag of **Sider-Repair**. Mix in a clean standard batch mixer or a large clean pail with a drill and paddle for no less than 5

minutes. Do not over-mix and allow the mix to rest for 2 minutes before application. Do not re-temper the material in the mixer nor use partially set or frozen material in the mix.

Application

Apply **Sider-Repair** directly to the damaged wall with a clean stainless steel trowel or a putty knife by filling the damaged area and trowel flat to level the wall. Once **Sider-Repair** has set for a few minutes, you may float it with a humid sponge to render a smooth finish and a clean appearance. Desired thickness is 1" maximum per coat.

Additional coats may be applied. Allow **Sider-Repair** to dry for a minimum of 24 hours, and ensure moisture in **Sider-Repair** is no longer present prior to the application of any coatings. **Sider-Repair** is not designed to be uncoated and must be coated with a finish 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
Pail: 5 gallon pail to mix a full 55lb (25kg) bag.

Limitations

Apply **Sider-Repair** 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 **Sider-Repair** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Sider-Repair**.

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-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,

Inc. products. Users and/or Purchasers agree that Sider-Crete, 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-Crete, Inc.'s Terms and Conditions of Sales.