



153 Regur Road
Hawkinsville, GA 31036 USA



1.478.892.9800

888-743-3750

www.oxycool.com

SIDER PROOF FF-PR

PRODUCT DATA

Features and uses:

- “Roll it on and blade it smooth”
- Easy two coat application
- Perfect for **swimming pools, hot tubs, fish ponds and fountains**
- Polymer modified for added flexibility and perfect adherence to pool plasters and concrete surfaces
- Pre-measured kit for error free mixing ratio
- Yields a smooth plaster finish
- Water clean up
- Available in **WHITE, CONCRETE GREY** and **CARIBBEAN BLUE** and custom colors upon request.
- Also available with premixed colored quartz: **SPECKLED BLUE, SPECKLED BLACK** and **SPECKLED GLACIER**.

Sider Proof FF-PR is a cement based roll-on liquid replaster coating for existing pool plasters and concrete surfaces.

Coverage:

Approximately 70 square feet per kit for two coats depending on substrate condition

Packaging: 53lb/24kg kit

One 42 lb / 19 kg bag of powder (Part A)

One 1.3 gallons/5 liter

container of polymer resin (Part B)

Shelf Life:

Shelf life is 6 months in the original sealed packaging properly sheltered in a dry environment.

Storage:

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



Surface Preparation

Approved Surfaces

Existing unpainted pool plaster, poured concrete, concrete blocks and most any other masonry surfaces (call us for details if unsure of existing surface).

Surface Preparation

Existing plaster, concrete or masonry surfaces must be solid, sound and free of all bond inhibiting materials including dirt, algae, efflorescence, release agents, grease and oils and other foreign particles. Remove paint, loose or damaged materials by water blasting, sandblasting or mechanical wire brushing. An acid-wash/acid-etch is recommended followed by the application

of a neutralizing treatment (example: TSP) to expose the aggregate and provide a proper mechanical bond. Damages, loose plaster, indentions, high stress areas, existing cracks, active leaks or weep holes in the existing plaster or existing concrete surface must be repaired using **Sider-Repair** prior to the application of **Sider-Proof FF-PR**. Apply a layer of tape to all jets returns, drains and tiles to protect from the coating. Ensure that the existing plaster or surface has been dampened and is humid but not wet to the touch.

Note: Prior to draining/emptying your swimming pool, please inquire regarding certain local conditions (i.e., high water tables/elevated levels of ground water) that may create permanent damage to your pool if left empty (pushing the pool out of the ground/pop-out). Sider-Oxydro, Inc. will not be held responsible for any damages caused by such occurrence and/or any related occurrences.

Mixing Instructions

ENSURE THAT THE MATERIAL IS STORED AWAY FROM DIRECT SUNLIGHT. IF WARM MATERIAL IS MIXED, IT WILL SET VERY RAPIDLY.

Shake well and pour the **Sider-Proof FF-PR** liquid into a clean bucket (at least a 5 gallon pail) and then add ½ bag of powder. Mix thoroughly with a drill and mixing paddle for 10 to 20 seconds. Then add the rest of the powder and mix for no less than 3 minutes to yield a good plasticity and homogeneous mix. Always pour the liquid component in first and then add powder while mixing for optimal results. Do not add any products in the mix, but you may add up to approximately ¼ to ½ cup of clean potable water to achieve a desired workability. If adding water to the mix,

ensure the water is cool and **not** directly from a hose lying in the sun. Do not water-down the material too much as it will prevent the application of a thick coat. The thickness of the applied material in two coats will be a minimum of 3/16" and a maximum of 1/4", with each coat of equal thickness to ensure proper hardness. If the material thickens in the mixing pail during the application process, you may add a small amount of water in the mix and remix the material to achieve the desired consistency. Do not use partially set or frozen material in the mix.

IT IS RECOMMENDED TO APPLY THE MATERIAL EARLY IN THE MORNING DURING COOLER TEMPERATURES, AS A HOT SURFACE MAY FORCE THE MATERIAL TO SET TOO QUICKLY.

Apply **Sider-Proof FF-PR** on existing plaster or masonry substrate in two coats. The thickness of the applied material in two coats will be a minimum of 3/16" and a maximum of 1/4" with each coat of equal thickness to ensure proper hardness. Apply the first coat with a paint roller and roll smoothly. Then immediately smooth the coating with the **MagicTrowel®** (remove the blade cover); using the **MagicTrowel®** from top to bottom or side to side. Keep the rubber blade on the **MagicTrowel®** wet at all times. Do not roll over applied material that has already started to set, as it will damage it. Dip the roller directly into the mixing pail and do not use a roller pan. Allow the first coat to dry for approximately 24 hours (depending on ambient conditions) prior to the application of the second coat. Also allow for a slight rough finish on the first coat to ensure proper mechanical

adherence of the second coat. Apply the second coat in the same manner as the first coat. Apply the second coat with a paint roller and roll smoothly. Then immediately smooth the coating with **MagicTrowel®**; using **MagicTrowel®** from top to bottom or side to side. Keep the blade on the **MagicTrowel®** wet at all times. For details, corners, steps and edges, sponge floating may be used to render a smooth finish.

For the application of **Sider-Proof FF-PR** in the Speckled Colors (premixed with colored quartz), the coating should be lightly sanded with a medium or fine grit wet sanding sponge to expose the quartz for a brighter and colorful finish. Allow a minimum of 24 hours and a maximum of 48 hours of drying time depending on surrounding conditions prior to sanding.

Start-up procedures:

Allow **Sider-Proof FF-PR** to fully dry (a minimum of 24 hrs - depending on ambient temperatures) prior to filling the pool with clean water. Ensure that all signs of dampness in **Sider-Proof FF-PR** have dried (coating should be uniform in color). Using clean water, place the hose at the bottom of the pool preferably in the main drain. Do not allow the water to flow along the coating to prevent damage. It is also recommended to attach a cloth at the end of the hose to trap any possible impurities. At the start of the filling process, the use of a sequestering agent is recommended. Once the pool is filled, gradually adjust the pH and alkalinity

according to the chemical's manufacturer's specifications. For a chlorine system, add the recommended amount of water treatment chemicals after three to five days of constant water circulation. For saltwater pools, allow one week prior to the addition of salt.

Do not brush the coating, rub it with anything abrasive or use an automatic cleaner for the first four weeks to allow proper curing.

It is important to continually maintain a balanced water chemistry to ensure years of long-lasting durability of Sider-Proof FF-PR.

Recommended Tools

Drill: DeWalt ½” drill, Type 3, 7.8 A / 450 rpm or similar
Paddle: Large square mortar paddle (not small paint paddle)
Pail: at least 5-gallon plastic pail
Roller: 9" shed-resistant fabric, 3/8" to 3/4" nap
MagicTrowel®: Available in a 12” and 18”
Sponge: Masonry/grout sponge
Sanding Sponge: Fine/Medium grit sanding sponge

Limitations

Apply when ambient and shell/surface temperatures are above 45° F (8° C) during application and drying period. Do not apply to overheated, excessively dry or frozen substrate, nor during periods of high winds. Mist as necessary to prevent rapid drying in high temperature applications. Due to the natural ingredients which make-up **Sider-Proof FF-PR** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Sider-Proof FF-PR**.

*The ‘No-Brushing’ refers to the practice of brushing the walls of a pool plastered with standard cement-based plaster during start-up procedures; which is no longer necessary with the application of **Sider-Proof FF-PR**.

*The ‘No Check-Cracking’ refers to the development of cracking which could occur in a pool plastered with standard cement-based plaster if the plaster remains out of water for a certain time. **Sider-Proof FF-PR** will not develop ‘Check-Cracking’ if it remains out of water; however, it does not refer to the possibility of the development of cracks in **Sider-Proof FF-PR** resulting from such causes as, but not limited to, structural movement or application during extreme weather conditions (high winds, extreme high heat).

It is important to continually maintain a balanced water chemistry to ensure years of long-lasting durability of Sider-Proof FF-PR.

Clean Up

Clean tools and equipment with water after use prior to drying. 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 and the use of safety goggles, rubber gloves and dust respirator is

recommended. This product contains crystalline silica. Mix outside or in a well ventilated area; and take measures to contain and reduce the 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, contact Sider-Oxydro, Inc. or refer to the Material Safety Data Sheet (MSDS).

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 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.