



# **SIDER-PROOF FF-PR**

## **THE CEMENT-BASED ROLL-ON LIQUID PLASTER FOR REPLASTERING POOLS.**

### **1.0 DESCRIPTION**

#### **1.1 General**

**Sider-Proof FF-PR** is a cement-based roll-on liquid replaster coating designed to be applied over existing pool plaster and concrete surfaces. It will render a water-resistant, smooth and beautiful plaster finish. **Sider-Proof FF-PR** is packaged as a kit and has been designed and formulated for a roll-on application with minimal prep-work. Because of its water-resistant properties, you may also use **Sider-Proof FF-PR** in water-features, waterfalls & concrete ponds.

### **2.0 MATERIALS**

#### **2.1 SIDER-PROOF FF-PR**

One kit of **Sider-Proof FF-PR** consists of a 42 lb. (19 kg) bag of powder and a 5-liter (1.3 gal) container of polymer resin.

### **3.0 SURFACE PREPARATION**

#### **3.1 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).

#### **3.2 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, weeping & 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 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.

## 4.0 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 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 no less than 3 minutes to yield a good plasticity and achieve a 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 the hose lying in the sun. Do not water-down the material too much as it will prevent the application of a thick coat.

If the coats applied are too thin, the material will not harden properly. The thickness of the applied material in two coats will be a minimum of 1/8" and a maximum of 1/4". 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.

## 5.0 INSTALLATION

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

### 5.1 Application

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 between 1/8" to 1/4". Apply the first coat with a paint roller and roll smoothly. Then immediately smooth the coating with **MagicTrowel®** (remove the blade cover); using **MagicTrowel®** from top to bottom or side to side. Keep the blade wet at all times on **MagicTrowel®**. 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; do not use a roller pan.

Allow the first coat to dry to the touch for no more than 24 to 48 hours 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 wet at all times on **MagicTrowel®**. 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 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 (temperature, humidity) 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; and it is 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. After three to five days of constant water circulation, add the recommended amount of water treatment chemicals. For saltwater pools, allow one week prior to the addition of salt. Do not brush the coating for the first four weeks to allow proper curing.

### **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 of **Sider-Proof FF-PR** 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 possibility of the development of cracking in **Sider-Proof FF-PR** resulting from such causes as, but not limited to, structural movement, application during extreme weather conditions (high winds, extreme high heat).

## **6.0 MISCELLANEOUS**

### **6.1 Packaging**

Sider-Proof FF-PR Kit:           42 lb. (19 kg) bag of powder (Part A)  
  1.3-gallon (5 liter) liquid container (Part B)

### **6.2 Coverage**

Each kit of Sider-Proof FF-PR covers approximately 70 square feet for two coats.

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

### **6.3 Colors**

#### **Standard Colors (Solid Colors)**

WHITE – BLUE LAGOON – CONCRETE GREY

**Standard Colors (Speckled – Colored Quartz)**

SPECKLED BLUE – SPECKLED AQUA – SPECKLED BLACK – SPECKLED GLACIER

**6.4 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 different sizes, 12” and 18” are recommended

**Sanding Sponge:** Fine/Medium grit sanding sponge

**6.5 Storage and Shelf Life**

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

**6.5 Technical Assistance**

For technical inquiries during normal business hours, contact Sider-Oxydro, Inc. at **Toll Free: 1-888-743-3750.**

**6.6 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.

**6.7 Commercial Names**

**SIDER-PROOF FF-PR**

*And now, enjoy using **SIDER-PROOF FF-PR** and benefit from this revolutionary technology developed by Sider-Oxydro, Inc., innovative leaders in the construction industry since 1937.*

***MagicTrowel® is a registered trademark of TexMaster Tools™***

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