



SIDER-OXYDRO, INC.

153 Regur Road
Hawkinsville, GA 31036 – USA
Ph: 478.892.9800
www.sider-oxydro.com

SIDER-POOL

THE PRE-MIXED CEMENT/MARBLE-BASED POOL PLASTER.

1.0 DESCRIPTION

The ultimate technology in pre-mixed plaster for concrete/gunite swimming pools. It will render a beautiful smooth finish without **brushing*** or **check-cracking***. Packaged completely pre-mixed, Sider-Pool only requires the addition of water at the jobsite.

2.0 MATERIALS

Sider-Pool is a factory blend of white Portland cement, marble, pigments and additives to render a durable and smooth surface. **Sider-Pool** is packaged pre-mixed in a 55 lb. (25 kg) bag.

3.0 SURFACE PREPARATION

Surfaces must be free of all bond-inhibiting materials, including dirt, efflorescence, release agents, waterproofing admixtures or coatings, grease and oils, and other foreign particles. Remove paint, loose or damaged materials by water blasting, sandblasting or mechanical wire brushing. Active leaks, weeping and weep holes in the existing surface, gunite or existing plaster must be patched prior to the application of **Sider-Pool**.

For a replastering project, prepare the existing pool surface following standard practices (cutting the tile line, chipping around drains and returns, an acid-etch with a neutralizing treatment, along with the application of a primer coat such as Sider-Rough Kote, etc...) Ensure that the substrate has been well dampened 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 (i.e., pushing the pool out of the ground/pop-out) to your pool if left empty. Sider-Oxydro, Inc. will not be held liable for any damages caused by such occurrence and/or any related occurrences.

4.0 MIXING INSTRUCTIONS

Mix 4 to 4 1/4 quarts (4 to 4 1/4 liters) of clean, potable water to each bag of **Sider-Pool**. Mix in a clean standard batch mixer for no less than 5 minutes to yield a good plasticity and homogeneous mix, but do not over mix. You may adjust the amount of water added per bag to the desired consistency. For darker colors, a longer mixing time may be required to ensure proper color dispersion. Do not over-mix and allow mixture to settle for 5 to 7 minutes prior

to application. Do not re-temper the material, add additional water or use partially set or frozen material in the mix.

DO NOT ADD ANY UNAPPROVED ADDITIVES TO THE MIX - For the addition of an accelerant, contact Sider-Oxydro regarding adding Oxy-Cold to the mix.

5.0 INSTALLATION

Apply **Sider-Pool** to a thickness of 3/8" to the gunite or masonry wall with a clean stainless steel trowel or by spray application and trowel to tolerance to achieve a smooth and even finish. Apply **Sider-Pool** in a continuous application, always working to a wet edge to eliminate cold joints. If a two coat application is performed, allow the first coat to dry to the touch prior to the application of the second coat but no more than 24 to 48 hours. Also, allow for a rough finish on the first coat to ensure a appropriate mechanical bond of the second coat.

Sider-Pool may be sanded to achieve an even smoother surface; however, it is not required. Allow minimum 24 and maximum 48 hours of drying time depending on surrounding conditions (temperature, humidity) prior to sanding.

Start-up procedures: Allow **Sider-Pool** to fully dry (depending on ambient temperatures) prior to filling the pool with clean water. Ensure that all signs of dampness in **Sider-Pool** have dried (coating should be uniform in color). 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. Do not brush the coating for the first 2 to 4 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-Pool** in high temperature applications. Due to the natural ingredients which make-up **Sider-Pool** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Sider-Pool**.

*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-Pool**.

*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-Pool** 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-Pool** resulting from such causes as, but not limited to, structural movement, application during extreme weather conditions (high winds, extreme high heat) – please refer to warranty for more details.

6.0 MISCELLANEOUS

Packaging

Sider-Pool: 55 lb. (25 kg) bag of pre-mixed powder

Coverage

Each bag of **Sider-Pool** covers approximately 20 square feet at a 3/8" (9.5 mm) thickness.

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

Storage and Shelf Life

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

Professional Qualifications

Installation shall be performed by contractors with documented experience in swimming pool plaster application and/or approved by Sider-Oxydro, Inc. All applicators should be able to provide several references from general contractors, architects or other applicable references for review by Sider-Oxydro, Inc.

Technical Assistance

For technical inquiries, during normal business hours, contact Sider-Oxydro, Inc. at **(1) 478-892-9800**.

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.

Commercial Name

SIDER-POOL

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

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