



SIDER-CRETE, INC.

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SIDER-PROOF / SIDER-PROOF T

THE NATURAL CEMENTITIOUS WATERPROOFING COATINGS FOR MASONRY SUBSTRATES

1.0 DESCRIPTION

1.1 General

Sider-Proof and **Sider-Proof T** are durable cementitious waterproofing coatings for concrete & masonry substrates. It is a blended composition of Portland cement, sand, waterproofing agents, bonding and other additives. **Sider-Proof** and **Sider-Proof T** use highly durable bonding agents and waterproofing agents.

Sider-Proof (fine aggregate) and **Sider-Proof T** (coarse aggregate) are designed to adhere to masonry and concrete surfaces. Depending on the desired aggregate of the coating, you may choose **Sider-Proof** or **Sider-Proof T**.

2.0 MATERIALS

2.1 SIDER-PROOF & SIDER-PROOF T

Sider-Proof and **Sider-Proof T** consist of a 55 lb. (25 kg) bag of a mixture of Portland cement, sand, waterproofing agents, bonding and other additives; requiring only the addition of clean potable water on the jobsite.

3.0 SURFACE PREPARATION

Surfaces must be free of all bond-inhibiting materials, including dirt, efflorescence, release agents, grease and oils, and other foreign particles. Remove paint, loose or damaged materials by waterblasting, sandblasting or mechanical wire brushing. Damages and indentation should be repaired and leveled with Sider-Repair. Refer to ASTM C-926 for complete details on preparation and required condition of surfaces to receive Portland cement based coatings and recommended construction practices. Ensure that the substrate has been well dampened and allowed too slightly dry; to be humid but not wet to the touch. All high stress areas and existing cracks will require reinforcing polyester embedded in the first coat.

4.0 MIXING INSTRUCTIONS

ENSURE THAT THE MATERIAL IS STORED IN A COOL DRY PLACE IN THE SHADE. IF WARM MATERIAL IS MIXED, IT WILL SET VERY RAPIDLY.

Mix one 55 lb. (25 kg) bag with 5 to 6 quarts (5 to 6 liters) of clean potable water. Mix in a clean bucket with clean potable water with a drill and mixing paddle for no less than 5 minutes to yield a good plasticity and homogeneous mix. (IT IS IMPORTANT TO MIX THOROUGHLY TO ACHIEVE A

GOOD WORKING MUD). Do not re-temper the material nor use partially set or frozen material in the mix.

5.0 INSTALLATION

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

5.1 Application

Apply **Sider-Proof** or **Sider-Proof T** with a large clean brush or paint roller. Apply evenly in two cross coats, with a minimum of 24 hours between each coat (depending on ambient temperatures). The thickness of the applied material in two coats is approximately 1/8". It is important to make sure that **Sider-Proof** or **Sider-Proof T** is applied over the entire surface to insure its waterproofing qualities. Do not roll or brush over applied material that has already started to set, as it will damage it. Allow **Sider-Proof** or **Sider-Proof T** to dry for 24 – 48 hours (depending on ambient temperatures) before backfilling.

Sider-Proof and **Sider-Proof T** is manufactured with natural products. Final texture and color of installed material may vary due its composition and variations in application tools and techniques, weather and lighting conditions, and other factors beyond the control of the manufacturer. Sider-Crete, Inc. assumes no liability for variations caused by conditions beyond its control. Due to the natural ingredients which make-up **Sider-Proof** and **Sider-Proof T** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Sider-Proof** or **Sider-Proof T**.

SIDER-PROOF AND SIDER-PROOF T IS AN ENVIRONMENTALLY FRIENDLY PRODUCT CONTAINING NO SOLVENTS OR TOXIC INGREDIENTS.

5.2 Limitations

Apply **Sider-Proof** and **Sider-Proof T** 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 overheated, excessively dry or frozen substrate, in direct sunlight when possible, nor during periods of high winds. Due to the natural ingredients which make-up **Sider-Proof** and **Sider-Proof T** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Sider-Proof** and **Sider-Proof T**.

6.0 MISCELLANEOUS

6.1 Packaging

Sider-Proof and **Sider-Proof T**: 55 lb. (25 kg) bag of powder

6.2 Coverage

Each bag of **Sider-Proof** and **Sider-Proof T** covers approximately 60 square feet in 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 Recommended Tools

Drill: DeWalt ½” drill, Type 3, 7.8 A / 450 rpm or similar

Paddle: Large square paddle (not small paint paddle)

Pail: 5-gallon pail

Brush: Large Paint Brush (4 inches recommended)

Roller: 9" Sealer / polyurethane shed-resistant fabric, 3/8" to 3 / 4"

6.4 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 in a dry environment.

6.5 Technical Assistance

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

6.6 Professional Qualifications

Installation shall be performed by contractors with documented experience in the application of waterproofing coating and/or approved by Sider-Crete, Inc. All applicators should be able to provide several references from general contractors, architects or other applicable references for review by Sider-Crete, Inc.

6.7 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.

6.8 Commercial Names

SIDER-PROOF

SIDER-PROOF T

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

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