



# SIDER-REPAIR

## The Ultimate Repair and Resurfacing Mortar

### 1.0 DESCRIPTION

#### 1.1 General

**Sider-Repair** is an excellent, fiber-reinforced, general repair mortar used for a wide variety of concrete repair work. It has exceptional strength and durability, and can be applied to a thickness of up to 1" (2.54 cm) per coat.

### 2.0 MATERIALS

#### 2.1 Sider-Repair

**Sider-Repair** consists of a mixture of Portland cement, sand and proprietary additives and is available in a 55 lb. (25 kg) bag requiring only the addition of potable water at the job site.

### 3.0 MIXING INSTRUCTIONS

#### 3.1 Sider-Repair

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.

### 4.0 INSTALLATION

#### 4.1 Application

##### **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.

##### **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 protective coating.

#### **4.2 Limitations**

Apply **Sider-Repair** on surfaces in ambient temperatures above 45° F (8° C) and below 95° F (35° C) during application and curing period. Do not apply during periods of high winds. Contact technical support at Sider-Oxydro, Inc. for additional information and application outside these temperatures. Due to the natural ingredients which make-up **Sider-Repair** or the nature of the substrate, the development of efflorescence’s may naturally occur and appear on the surface of **Sider-Repair**.

### **5.0 MISCELLANEOUS**

#### **5.1 Packaging**

55 lb. (25 kg) bag of powder in a paper bag with moisture barrier.

#### **5.2 Coverage**

Volume equal to approximately 5 gallons

#### **5.3 Technical Assistance**

For technical support, contact Sider-Oxydro, Inc. at **Toll Free: 888-743-3750**.

#### **5.4 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.

#### **5.5 Clean Up**

**Sider-Repair** cleans up with water prior to drying. Clean tools and equipment after use with water. Clean up and remove materials from the site caused by the installation and dispose of by federal, state and local regulations and guidelines in an approved landfill.

#### **5.6 Commercial Name**

##### **SIDER-REPAIR**

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

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