



SIDER-SCREED

A troweled mortar used for both interior and exterior concrete floor resurfacing.

1.0 DESCRIPTION

1.1 General

Sider-Screed is a high resistance troweled mortar used for concrete floor resurfacing. Excellent for resurfacing spalling or deteriorating concrete. Formulated for applications for interior use or exterior use if coated with a sealer or other products formulated for exterior use.

2.0 MATERIALS

2.1 Sider-Screed

Sider-Screed 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-Screed

In a standard batch mixer (or with a drill and paddle), mix 3 quarts (3 liters) of clean, potable water to one 55 lb. (25 kg) of **Sider-Screed** (adjust the amount of water to render a consistency appropriate for the desired thickness). Mix for 4-5 minutes to obtain a smooth and even texture. Let the mix settle for 2 minutes prior the application.

4.0 INSTALLATION

4.1 Application

Acceptable Substrates:

Concrete Slab, Prefabricated Concrete and Cement Floor for interior use or exterior use if coated with a sealer or other products formulated for exterior use.

Surface preparation:

Surfaces must be free of all bond-inhibiting materials including dirt, efflorescence, release agents and other foreign particles. Surfaces should be dampened, but not wet to the touch. The application of Sider-Resin M50 (Acrylic Bonding Agent) is required prior to application of **Sider-Screed**. Smooth and/or polished concrete surfaces shall be adequately prepared for a mechanical bond.

Application:

Apply **Sider-Screed** with a clean stainless steel trowel and trowel to tolerance. **Sider-Screed** may be floated, screeded or bull-floated. Use the mix as quickly as possible and apply to the floor surface. Respect all existing expansion joints in the floor surface. **Sider-Screed** is applied in a thickness ranging from ¼” (5mm) to 3” (76.2 mm).

4.2 Limitations

Apply **Sider-Screed** on surfaces in ambient temperatures above 41° F (5° C) during application and curing period. Do not apply during periods of high winds. Light traffic allowed after 24 hours. Heavy traffic allowed after 72 hours at a ¼” to ½” thickness. Additional drying time is required for greater thickness. Allow 28 days for **Sider-Screed** to completely cure. Due to the natural ingredients which make-up **Sider-Screed** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Sider-Screed**.

5.0 MISCELLANEOUS**5.1 Packaging**

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

5.2 Coverage

25 ft² @ ¼ ”

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

5.3 Technical Assistance

For technical support, contact Sider-Oxydro, Inc. at (1) **478-892-9800** for further information.

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-Screed 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-SCREED**

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

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