



SIDER-CRETE, INC.

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SIDER-LEVEL

THE ULTIMATE SELF-LEVELING RESURFACING FLOOR COATING

1.0 DESCRIPTION

1.1 General

Sider-Level is a durable, self-leveling floor coating for interior or exterior application. **Sider-Level** is ideal for use over older, uneven floors in need of refinishing. Available in several integral colors, **Sider-Level** yields a non-skid, waterproof surface. **Sider-Level** is also specifically formulated for applications directly over Aerated Concrete (AAC) products.

2.0 MATERIALS

2.1 Kit

A **Sider-Level** kit consists of factory blended white Portland cement, sand, additives (water repellent agents) and a polymer resin-based liquid. **Sider-Level** is packaged as a 55 lb. bag of powder-Part A to be mixed with a 5 quart/5 liter container of liquid resin-Part B.

3.0 MIXING INSTRUCTIONS

3.1 Mixing

Shake well and pour the **Sider-Level** liquid (Part B) into a clean bucket and then add ½ bag of powder (Part A). 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 5 minutes to yield a good plasticity and achieve a homogeneous mix. Then allow the mix to rest for 2 to 3 minutes before application. Do not add any products in the mix and do not re-temper the material, or use partially set or frozen material in the mix.

4.0 INSTALLATION

4.1 Application over Concrete Surfaces

Surface preparation:

Because **Sider-Level** is a self-leveling material, a stop is required at all edges to ensure that the material will not spill over. Surfaces must be free of all bond-inhibiting materials, including dirt, efflorescence, from form oil and other foreign particles. Paint, loose or damaged material must be removed by water blasting, sandblasting or mechanical wire brushing and repaired. Irregular surfaces must be resurfaced, patched or leveled to required tolerance and smoothness with Sider-Screed or Sider-Floor Finish HRI. Patching must be dry and set. 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. The application of Sider-Resin M-50 is recommended as a primer over all masonry surfaces and required over Aerated Concrete (AAC).

Application:

Pour **Sider-Level** onto the surface until desired thickness is achieved. Apply to a maximum thickness of one inch. Do not exceed a thickness of one inch. If the required thickness exceeds one inch, apply in several coats, ensuring to use Sider-Resin M50 as a bonding agent between each coat. Finally, use the special Floor Finishing Roller to remove any apparent bubbles that may have developed on the surface of **Sider-Level**. Lightly roll over the freshly poured **Sider-Level** in all directions until a smooth and uniform surface is achieved and free from air bubbles.

4.2 Limitations

Apply **Sider-Level** when surface and ambient temperatures are above 45° F (8° C) and below 95° F (35° C) during application and drying period. Do not apply to overheated, excessively dry or frozen substrate, or during periods of high winds. Due to the natural ingredients which make-up **Sider-Level** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Sider-Level**.

Light traffic is allowed after 24 hours. Heavy traffic is allowed after 72 hours at a ¼” to ½” thickness. Additional drying time is required for greater thickness. Allow 28 days to completely cure. Due to the natural ingredients or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface.

5.0 MISCELLANEOUS

5.1 Packaging

Sider-Level Kit: 55 lb. (25 kg) bag of powder (Part A)
1.3 gallon (5 liter) container of resin (Part B)

5.2 Coverage

25-30 square feet (3 m²) at ¼” thickness

(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 inquiries, contact Sider-Crete, 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-Level 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 disposing of waste according to federal, state and local regulations in an approved landfill.

5.6 Commercial Names

SIDER-LEVEL

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

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