



POWER-LEVEL

THE ULTIMATE SELF-LEVELING RESURFACING FLOOR COATING

1.0 DESCRIPTION

1.1 General

Power-Level is a durable, self-leveling floor coating for interior or exterior application. **Power-Level** is ideal for use over older, uneven floors in need of refinishing. Its versatility and durability allows application on garage floors, workshops, factory floors and on balconies (call for details on different applications and limitations).

2.0 MATERIALS

2.1 Bag

Power-Level consists of factory blended white Portland cement, sand, additives (water repellent agents) packaged as a 55 lb. bag of powder.

3.0 MIXING INSTRUCTIONS

3.1 Mixing

Approximately 4 to 4.5 quarts (4 to 4.5 liters) of clean potable water is to be added into a clean bucket and then add ½ bag of powder. 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 **Power-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. 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 required as a primer over all masonry surfaces.

Application:

Pour **Power-Level** onto the surface until desired thickness is achieved. Apply to a minimum thickness of ¼ inch and 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.

4.2 Limitations

Apply **Power-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 **Power-Level** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of **Power-Level**.

Ensure that **Power-Level** will not be exposed to rain or water for at least 48 hours to allow for a proper drying period. It is necessary for **Power-Level** to dry at least 48 hours to allow light foot traffic, and 4 days for normal traffic. Allow 7 to 10 days of drying time for commercial or industrial traffic. This provides adequate time for the coating to harden.

5.0 MISCELLANEOUS

5.1 Packaging

Power-Level: 55 lb. (25 kg) bag of powder

5.2 Coverage

17 to 19 square feet 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-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

Power-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 Name

POWER-LEVEL

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

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