



SANDED PRIMER DURASTONE FINISH SYSTEM

DURABLE/ABRASION RESISTANT AERATED CONCRETE DECORATIVE SYSTEM

1.0 DESCRIPTION

1.1 General

Durastone Finish system is an attractive multi-color aerated concrete wall finish of colored beads mixed in a clear polymer binder. Vapor-permeable, **Durastone Finish** can be used in interior or exterior application directly over aerated concrete surfaces. **Durastone Finish** provides a highly durable, scratch-resistant finish. The vibrant colors provided by **Durastone Finish** are available in 6 standard tints while color options are available upon request.

2.0 MATERIALS

2.1 Sanded Primer

Sanded Primer is mainly composed of an acrylic binder base. **Sanded Primer** is water based and provided ready-to-use in a 60 lb. (27.2 kg) 5 gallon pail.

2.2 Durastone Finish

Durastone Finish is mainly composed of colored quartz aggregates mixed in an acrylic binder base copolymer. **Durastone Finish** is provided ready-to-use in a 65 lb. (29.5 kg) 5 gallon pail.

3.0 MIXING INSTRUCTIONS

3.1 Sanded Primer

Stir using a ½” drill with a clean paddle to obtain a homogeneous consistency. Avoid over mixing and foam or bubbles. A small amount of clean water may be added to aid workability. Do not add more than 8 oz. (1 cup) per pail. Repeat the mixing procedure and add the same amount of water with every batch.

3.2 Durastone Finish

Stir using a ½” drill with a clean paddle to obtain a homogeneous consistency. Avoid over mixing and air entrainment. A small amount of clean water may be added to aid workability. Do not add more than 8 oz. (1 cup) per pail. Repeat the mixing procedure and add the same amount of water with every batch to avoid texture variation.

4.0 INSTALLATION OVER AERATED CONCRETE

4.1 Surface Preparation

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 waterblasting, sandblasting or mechanical wire brushing and repaired. Irregular surfaces must be resurfaced and leveled to required tolerance and smoothness. Holes in aerated concrete and broken material shall be patched and repaired to required tolerance. Aerated concrete surface shall be smooth and leveled.

4.2 First Step: Primer Coat - Sanded Primer

Apply **Sanded Primer** with a roller or brush in a continuous coat directly over aerated concrete surface. Assure complete coverage of aerated concrete surface. **Sanded Primer** must be completely dry before any **Durastone Finish** application. Use **Sanded Primer** tinted to match **Durastone Finish** aggregate average.

Limitations

Apply **Sanded Primer** 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 substrates, or during periods of high winds. Protection from precipitation must be adequately provided

4.3 Second Step: Finish Textured Coat – Durastone Finish

Trowel Application

Use a clean stainless steel trowel and apply a uniform coat slightly thicker than the aggregate size. Level and finish to a flat surface. A fine spray coat may be applied over the troweled coat to reduce gloss and create a more uniform finish. Spray application is recommended for large exterior areas of **Durastone Finish**.

Important: Apply **Durastone Finish** in a continuous application, always working to a wet edge to eliminate cold joints. Arrange for the completion of an entire area. Keep buckets closed when not in use.

Limitations

Apply **Durastone Finish** when surface and ambient temperatures are above 45° F (8° C) and below 95° F (35° C). Do not apply to overheated, excessively dry or frozen substrates. Provide adequate protection against rain during the application.

Due to the nature of raw materials, all material shall be made at the same time to ensure color matching. Batches manufactured at different times may not perfectly match.

5.0 MISCELLANEOUS

5.1 Packaging

Sanded Primer: 60 lb. (27.7 kg) 5 gallon pail

Durastone Finish: 65 lb. (29.5 kg) 5 gallon pail

5.2 Coverage

Sanded Primer: 600 - 800 square feet/ pail in one coat

Durastone Finish: Troweled tight coat: 120 - 180 square feet/pail in one coat
Troweled and spray coat: 90 - 120 square feet/pail

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

5.3 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.

5.4 Professional Qualifications

Installation shall be performed by contractors with a minimum of 5 years documented experience in cement plastering or approved by Sider-Oxydro, Inc. All applicators should be able to provide several references from general contractors, architects or other applicable references for review by Sider-Oxydro, Inc.

5.5 Technical Assistance

For technical inquiries during normal business hours contact Sider-Oxydro, Inc. at **(1) 478-892-9800**.

5.6 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.

5.7 Commercial Name

SANDED PRIMER

DURASTONE

*And now, enjoy using **SANDED PRIMER** and **DURASTONE** system developed by Sider-Oxydro, Inc., leaders of technological advancements for the construction industry since 1937.*

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