



SIDER-CRETE, INC.

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SIDER-FLOOR FINISH HCR

Self-leveling, integrally-colored, solvent-free and chemical resistant epoxy paint

1.0 DESCRIPTION

1.1 General

Sider-Floor Finish HCR is a self-leveling, integrally colored, solvent-free epoxy paint providing high chemical resistance in environments frequently exposed to certain harsh chemicals in demanding environments. **Sider-Floor Finish HCR** is formulated for application over cured concrete and masonry surfaces.

1.2 Technical Data on Chemical Resistance

Resistance to 10 % Alkaline Chemicals: Excellent

Resistance to 10 % Acid Chemicals: Excellent

Resistance to Solvents: Excellent

2.0 MATERIALS

2.1 Kit

A **Sider-Floor Finish HCR** kit consists of a resin-based epoxy and a reacting agent. **Sider-Floor Finish HCR** is packaged as a kit consisting 10.1 lb. container of resin-Part A and a 3.1 lb. container of reacting agent-Part B.

3.0 MIXING INSTRUCTIONS

3.1 Mixing

Pour the Reacting Agent into the Resin and stir with a standard drill and paint-mixing paddle. Mix for approximately for 5 minutes until a consistent, homogenous color is obtained. Allow the mix to rest for 1 to 2 minutes to allow air bubbles to escape. The working time will be approximately 20 to 30 minutes. Do not add any products in the mix. Do not re-temper the material or use partially set material.

4.0 INSTALLATION

4.1 Surface preparation

Concrete surfaces should be cured for more than 28 days. Surfaces must also be dry (with absolutely no contact with water/humidity for at least 3 days), clean and free of all bond-inhibiting materials, including dirt and all foreign particles. Unsound areas should be repaired with an epoxy –based repair mortar such as Sider-Screed Poxo.

The application of an epoxy primer such as Sider-Fix Epoxy, is recommended on porous substrates (refer to the appropriate specifications). Sider-Fix Epoxy will fill-in concrete pores in order to avoid the development of air bubbles. Allow Sider-Fix Epoxy to dry 24 hours maximum prior to the application of **Sider-Floor Finish HCR**.

4.2 Application

Sider-Floor Finish HCR is applied in two cross coats to ensure proper coverage and durability directly over the cured concrete. Roll-on the first coat, continuing in the same direction until entire surface is coated (3/8" nap soft-woven roller sleeve is recommended for optimum uniform appearance.) Allow the first coat to dry for 24 hours, then roll-on the second coat, continuing in the same direction until the entire surface is coated. If a non-skid finish is desired, use Sider-Non Skid.

4.3 Limitations

Ambient and surface temperatures must be above 45° F (8° C) during application and drying time. Do not apply to overheated or frozen substrate. Use only on surfaces that are sound, clean, dry, and free from any residue, which may affect the ability of the **Sider-Floor Finish HCR** to bond to the surface. Once **Sider-Floor Finish HCR** has been applied, ensure that it will not be exposed to rain, extreme temperatures for at least 24 hours to allow for a proper drying period. It is necessary for **Sider-Floor Finish HCR** to dry at least 24 to 48 hours to allow foot traffic. Seven days of drying time is required for commercial and industrial traffic and complete chemical resistance.

5.0 MISCELLANEOUS

5.1 Packaging

Sider-Floor Finish HCR: 10.1 lb. (4.6 kg) container of Resin-Part A
3.1 lb. (6.8 kg) container of Reacting Agent-Part B

5.2 Coverage

100 square feet per kit in two coats.

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

5.2 Colors

CONCRETE GREY

5.4 Technical Assistance

For technical inquiries during normal business hours, contact Sider-Crete, Inc. toll free at 888-743-3750.

5.5 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.

5.6 Clean Up

Upon completion of application, allow brush and mixing container to air dry or clean equipment with a cleaning solvent and dispose of according to Federal, State and Local regulations.

5.7 Commercial Names

SIDER-FLOOR FINISH HCR

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

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