



**SIDER-CRETE, INC.**

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# **SIDER-FLOOR SL UNDERLAYMENT**

**THE ULTIMATE SELF-LEVELING UNDERLAYMENT FLOOR COATING FOR CONCRETE FLOORS INCLUDING AAC FLOOR PANELS.**

## **1.0 DESCRIPTION**

### **1.1 General**

**Sider-Floor SL Underlayment** is a durable, true self-leveling floor underlayment for interior applications. **Sider-Floor SL Underlayment** is ideal for leveling and smoothing interior concrete floors prior to the installation of carpet, linoleum, tiles, paint, or wood flooring, as well as a perfect underlayment over concrete floors and Autoclaved Aerated Concrete (AAC) surfaces.

## **2.0 MATERIALS**

### **2.1 Sider-Floor SL Underlayment**

**Sider-Floor SL Underlayment** consists of factory blended cement, silica sand and additives. **Sider-Floor SL Underlayment** is packaged as a 55 lb. bag of powder to be mixed with clean potable water at the jobsite.

## **3.0 MIXING INSTRUCTIONS**

### **3.1 Mixing**

Add approximately 5 to 5 1/4 quarts (5 to 5 1/4 liters) of clean potable water and 1/2 of a bag of **Sider-Floor SL Underlayment** into a clean bucket. 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. Allow the material to rest for 2 to 3 minutes prior to the application. Do not re-temper the material, or use partially set or frozen material in the mix.

## **4.0 INSTALLATION**

### **Application:**

The use of Sider-Resin M50 as a bonding agent is required prior to the application of **Sider-Floor SL Underlayment**. Pour **Sider-Floor SL Underlayment** onto the surface until desired thickness is achieved. You may have to push or spread the coating into corners with a trowel. Apply to a thickness of 1/8" to 3/8". Do not exceed a thickness of 3/8". If the required thickness exceeds 3/8", 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-Floor SL Underlayment**. Lightly roll over the freshly poured **Sider-Floor SL Underlayment** in all directions until a smooth and uniform surface is achieved and free from air bubbles.

## **4.2 Limitations**

Apply **Sider-Floor SL Underlayment** 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-Floor SL Underlayment** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface of the coating.

It is necessary for **Sider-Floor SL Underlayment** to dry at least 72 hours to allow the installation of carpet, linoleum, tiles, paint, or wood flooring. This provides adequate time for the coating to harden.

## **5.0 MISCELLANEOUS**

### **5.1 Packaging**

55 lb. (25 kg) bag of powder

### **5.2 Coverage**

45-50 square feet at 1/8" 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 Storage and Shelf Life**

Shelter in a dry environment away from extreme heat, direct sunlight, rain and freezing. Shelf life is six months in the original sealed packaging properly sheltered.

### **5.4 Clean Up**

**Sider-Floor SL Underlayment** 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.

### **5.5 Commercial Names**

#### **SIDER-FLOOR SL UNDERLAYMENT**

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

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