



**SIDER-CRETE, INC.**

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## **PRO-FILL 2000**

### **THE ULTIMATE IN CONCRETE CRACK REPAIR**

#### **1.0 DESCRIPTION**

##### **1.1 General**

**Pro-Fill 2000** is a dual-component polyurea designed to repair and fill existing damaged concrete floor surfaces. Pro-Fill 2000 is formulated for industrial applications and will cure to a concrete grey hard-rubber finish.

#### **2.0 MATERIALS**

##### **2.1 Material**

Pro-Fill 2000 is offered in a double-cartridge convenience application kit.

#### **3.0 SURFACE PREPARATION & INSTALLATION**

##### **3.1 Surface Preparation - Concrete Surfaces**

Concrete and masonry must be clean and cured a minimum of 30 days. Surfaces must be free of all bond-inhibiting materials, including dirt, efflorescence, release agents, grease and oils, and other foreign particles. Remove paint, loose or damaged materials by sandblasting or mechanical wire brushing.

**Pro-Fill 2000** should be installed full depth in saw-cuts and 2" (50mm) deep in formed joints per PCA and ACI guidelines. Because of its rapid set, "choking off" the base of the joint is normally not necessary. If shrinkage crack is excessive, it may be "choked off". Do not use compressible backer rod (Ethafom, etc.) in saw cut joints. Compressible rod may be used 2" down in formed joints.

##### **3.2 Application**

**Pro-Fill 2000** must be dispensed with the appropriate applicator gun (call for more details).

Fill joints, taking care not to entrap large air bubbles. The recommended procedure is to overfill and allow to cure. It can be then razored-off, leaving top of filler flush with floor surface. Razing can be performed in as little as 15 minutes, or days later. Should it cure below floor surface, solvent wipe top of filler and apply additional filler. Adhesion is enhanced by roughening first bead. For large are or deep joint applications, layering is recommended. Apply in ½" thick layers, allowing 30 minutes between layers.

### 3.3 Limitations

It is necessary for **Pro-Fill 2000** to dry at least 1 hour to allow light traffic. Heavy-use should be avoided for at least 12 hours. **Pro-Fill 2000** is designed for interior use as it is not UV resistant. Sunlight or lights emitting UV rays may cause discoloration. When performing low temperature installations warm cartridges to ~90° F using warm water prior to the application. Temperatures below freezing will slow the drying time.

***Note:** Final texture and color of installed material may vary due to its composition and variations in application tools and techniques, weather and lighting conditions, and other factors beyond the control of the manufacturer. Sider-Crete, Inc. assumes no liability for variations caused by conditions beyond its control.*

## 4.0 MISCELLANEOUS

### 4.1 Packaging

450 ml and 900 ml cartridges (along with the appropriate applicator gun).

### 4.2 Coverage

Joint Size (US)	Lin. Ft./Gal.
1/8" x 1"	150
1/8" x 1 1/4"	125
1/8" x 1 1/2"	100
1/8" x 1 3/4"	85
1/8" x 2"	75
3/16" x 3/4"	135
3/16" x 1"	100
3/16" x 1 1/4"	85
3/16" x 1 1/2"	70
3/16" x 1 3/4"	60
3/16" x 2"	50
1/4" x 1"	80
1/4" x 1 1/4"	60
1/4" x 1 1/2"	50
1/4" x 1 3/4"	45
1/4" x 2"	40
1/2" x 1"	40

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

### 4.3 Standard Colors

CONCRETE GREY

### 4.4 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.

#### **4.5 Clean Up**

Clean spills and spatters and tools immediately with Xylene or Toluene. Follow manufacturer's safety recommendations when using any solvent. Use "waterless" hand cleaner to remove dried material from skin.

#### **4.6 Commercial Name**

##### **PRO-FILL 2000**

*While every effort has been made to be comprehensive and accurate, the publisher cannot accept any liability for omissions or errors. Users should contact Sider-Crete for the product(s) referred to in this specification to ensure that any information used to make decisions about the product is as up-to-date and complete as possible.*