



## Technical Data Sheet

# 84-20

# Foster® Hi-Temp Lock-Down

**Colour**  
Off-white

**Application Consistency**  
Spray or brush

**Weight per U.S. Gallon  
(ASTM D-1475-60)**  
11.35 pounds (1.36 kg/litre)

**Average Non-Volatile (ASTM D1644)**  
41.5% by volume

**Coverage (FSTM-72)**  
(Subject to type of surface and material being coated.)  
150 to 300 square feet per gallon  
(3.7 to 7.4 m<sup>2</sup>/litre)  
0.012 inch to 0.005 inch (0.3 to 1.0 mm) wet film  
thickness.

**Drying Time (ASTM D-1640-69)**  
Dry through: 2 hours at ambient.  
High humidity retards dry time.

**Service Temperature Limits (FSTM-70)**  
(Temperature at coated surface).  
0°F to 2,200°F (1,200°C).

**Solids Content (ASTM D-1644-75)**  
40% by weight.

**Safety**  
Wet flammability (ASTM D-93-73)  
Non-flammable: No flash to boiling 210°F

**Dry combustibility (FSTM 44)**  
Incombustible

**Surface Flame Spread (dry) (ASTM E-162-67)**  
0 on ¼ inch (0.63 cm) Asbestos Cement Board (the  
flame spread may vary at different product thicknesses  
and/ or when applied over surfaces other than asbestos  
cement board.)

**Foster® Hi-Temp Lock-Down** is a specifically formulated silicate base, single component, spray or brush consistency sealer for use on high temperature substrates from which asbestos-containing materials have been removed. 84-20 will effectively adhere and seal remaining residual asbestos fibres to the substrate.

**Hi-Temp Lock-Down** is intended for use in severe elevated temperature service such as high pressure steam pipes and boilers in addition to other heated tanks or vessels. Effective up to 2,200°F (1,204.4°C) 84-20 offers maximum adhesion and optimum working qualities, forming a hard, dense, incombustible film over the substrate. It is not recommended for cellular units.

### Limitations

84-20 should not be used where moisture will be encountered.

Apply insulation after curing.

Do not store below 35°F (2°C) or above 100°F (38°C).

Do not apply to pipes below 35°F (2°C) or over 250°F (121°C).

**FSTM:** Foster Standard Test Method

® Trademark of H.B. Fuller Company

## **FOSTER® HI-TEMP LOCK-DOWN 84-20**

### **Material Preparation**

Stir well, do not thin. Apply only to clean, dry surfaces.

### **Application**

Apply evenly to surfaces from which asbestos-containing materials have been removed, at a rate of 150 to 300 square feet per gallon (3.7 to 7.4 m/litre).

### **Spray Equipment**

#### **Airless spray (Graco EH-433 or equivalent)**

Hose size : 5/16 inch I.D.

Gun type : Airless paint gun

Tip size : .019 inch to .021 inch

Line length: 50 feet depending on requirements

### **Clean-Up**

Clean brushes with water and equipment with water followed by mineral spirits.

### **Caution**

Skin and eye irritant. If ingested may cause slight discomfort.

### **Contains**

Silicate Solution.

Avoid contact with eyes and skin. In case of contact with eyes, flush eyes with plenty of water for at least 15 minutes. See a physician. In case of skin contact, wash with mild soap and water. Remove contaminated clothing and wash before re-use. If ingested, may cause slight discomfort. Call a physician. Close container after each usage and store in a cool dry place.

### **For industrial use only.**

This data sheet is based on specifications, data and test results available to us at the time of publication. In the course of time changes herein may (have) take(n) place. The above tests were carried out in accordance with the above mentioned internal test standards and are indicative. No guarantee as to completeness, accuracy or results is either expressed or implied. The suitability to an intended use is the responsibility of the user. As material-choice, method of application and site conditions are beyond our control, we accept no liability for direct or consequential damages; our only obligation being to resupply ex our stores any material that is proved to be defective within the published\* shelf life.

\* If not applicable, within 6 months from date of supply.