



## StoveMate Mortar Instruction Sheet

### Description:

StoveMate Mortar is a ready to use, high temperature soft mortar patching compound. It is used in the repair of virtually any refractory material such as mortar, bricks, castables, ladles, or any other refractory shape. StoveMate Mortar should be used when old mortar joints begin cracking and falling out as sparks and flame can reach behind the loose mortar and create a fire hazard. StoveMate Mortar's excellent resistance to temperature and corrosive conditions is proven by its use on steel mill stopper rods. In this application the mortar seals between insulation sleeves over the stopper rod, which is immersed in molten steel for extended periods of time.

**StoveMate Mortar** is not classified as a hazardous material and is able to be shipped by any means worldwide.

### Recommended Uses:

Fireplace joints  
Chimneys  
Brick in wood, pellet, or gas stoves  
Fireplace hearths  
Cookout grills  
Any place that heat or flame will come in direct contact with brick or mortar joints

### Application Instructions:

Clean crumbling brick, mortar, or soot from the surface to be repaired. For best results, area should be between 40°F -90°F. Wet the repair area with water using a brush or sponge. Spread StoveMate Mortar onto the joint face as evenly as possible using a spatula or putty knife. A caulking cartridge can be used to inject mortar into a crack or hard to reach area. Use a wet putty knife to smooth over mortar and take care to scrape away any excess material. Allow mortar to dry for 24 hours. Begin cure cycle by warming up StoveMate Mortar to approximately 225°F for 2 hours, then heating to 500°F for approximately 2 more hours. Caution: if mortar is not properly cured, moisture trapped within the patch could spall and cause the patch to crack. StoveMate Mortar is not an adhesive and must be held in place by the joint being repaired.

**StoveMate Mortar Tech Data:**

Binder: Water base

Specific Gravity: 2.1

Max Continuous Temp: to 2900°F

Cure time: 4 hours after drying

Color: Buff, Gray, or Black

Consistency: Caulkable paste

Coverage: Approx 20 linear feet with a ¼ inch bead

Shelf Life: 1 year

Packaging: Gallon cans, 5 gallon buckets, 10.3 oz. and 29 oz. Caulking Cartridges

*See MSDS information for precautions*