

Chimney Sweep® Furnace Cement

Item FSC8, FSC16, FSC32, FSC64, FSC128

- For metal to metal or metal to masonry joints
- Withstands up to 2700°F
- Heavy bodied consistency
- Must be heat cured



Description:

A gray pre-mixed, heavy bodied, high-temperature silicate cement. Resists temperatures to 2700°F.

Performance Characteristics:

- Hard and durable as firebrick when heat cured
- Adheres tightly to firebrick
- Meets or exceeds ASTM C 199 pier test; pyrometric cone of 16/17 PCE.

Recommended Uses:

Use anywhere a high-temperature resistant adhesive is needed. Especially suitable for bonding and sealing metal to metal joints. Use it to repair and reset furnaces, wood or coal stoves, fireplaces and flues. May be used to fill gaps between masonry and metal. Prevents air and gas leaks in flue and chimney joints.

Surface Prep:

Clean all dirt, rust and foreign matter from the surface to be cemented. Dampen area surface lightly with water. Cover work area with drop cloths to prevent stains.

Application:

Stir the cement. Some water can be added if it is too thick to spread. Apply evenly with a moist trowel. Wipe up spills immediately. Dried Furnace Cement will etch and permanently bond to glass, enamel and porcelain surfaces. Allow to harden at least one hour then expose to gradually increasing heat.

Building fireboxes: When using Chimney Sweep Furnace Cement for building fireboxes, use as thin a joint as possible, 1/8" or less. For thicker joints, layering is recommended. Air dry each 1/8" thick layer overnight; do not heat cure until all layering is complete.

Protect exposed uncured joints from water.

Coverage:

One gallon covers approximately 10-11 sq ft, 1/8" thick.

Clean up:

Clean up spills immediately with water

Typical Physical Properties:

Solvent	Water
Service Temperature	Up to 2700°F
Weight/Gallon	17 lbs.
Consistency	Thick sandy paste
Flashpoint	N/A
Air Dry Time	1 hour
Heat Cure Temperature	500°F
Color	Gray
Storage/Handling	Keep container tightly closed. Do not freeze.

Limitations:

Not for exterior use. Requires heat to cure.

Warranty and Limited Remedy:

This product will be free from defects in material and manufacture for a period of eighteen (18) months from date of manufacture. Rutland Fire Clay Company makes no other warranties including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether the Rutland Fire Clay Company product is fit for a particular purpose and suitable for user's application. If this Rutland Fire Clay Company product is defective within the warranty period stated above, your exclusive remedy and Rutland Fire Clay Company's sole obligation shall be, at Rutland Fire Clay Company's option, to replace the Rutland Fire Clay Company product or refund the purchase price of the Rutland Fire Clay Company product.

Limitation of Liability:

Except where prohibited by law, Rutland Fire Clay Company will not be liable for any loss or damage arising from this Rutland Fire Clay Company product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

CAUTIONS:

Contains alkaline silicate. Avoid contact with eyes and prolonged contact with skin. In case of contact, flush with plenty of water. If contact with eyes, get medical attention.

**KEEP OUT OF REACH OF CHILDREN
EYE AND SKIN IRRITANT**