

RUTLAND® Products



Black Furnace Cement

Item 64, 64A, 64C, 65

Features

- For metal to metal or metal to masonry joints
- Withstands temperatures up to 2000°F
- Smooth consistency
- Ready mixed, easy to use
- Perfect for small or big repairs
- No toxic fumes during heat curing
- After heat curing, is as hard as fire brick
- Does not contain asbestos

Recommended Uses

Ideal high heat sealant for bonding and sealing metal to metal joints less than 1/8". May also be used for filling joints between masonry and metal. It is ideal for installing or resetting furnaces or oil burners. Makes joints smoke and gas tight. May be used on cast iron, steel or fire brick. For a product with a heavier consistency, use our Chimney Sweep® Furnace Cement.

This cement will adhere to stainless steel, porcelain, soap stone and to a surface that has been previously painted.

General Description

Black Furnace Cement is premixed and ready to use making it one of the easiest cements to apply. Use this smooth consistency cement to fix a crack or seal the collar to the top of your wood stove or seal between your fire bricks and prefabricated fireplace. Use this cement anywhere you need a high temperature cement for furnaces, fire brick repair, filling gaps, sealing joints or repairs to ceramic logs.

Limitations

Not for exterior use. Do not add water. Does not expand or contract. Will not adhere to regular aluminum but will adhere to powder coated aluminum and anodized aluminum. Not waterproof or water resistant. May appear to be "melting" if the cement is not fully dry before applying heat. May turn white and possibly flake if the heat cure is not performed within 21 days.

Product Information

Surface Prep and Application:

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. Apply cement in temperatures of 40°F or higher.

Product Usage Key:

I Indoor **O** Outdoor **P** Pellet Stove **G** Gas Fireplace **F** Fireplace **W** Woodstove

Cartridge, item 64C: Cut top of nozzle on an angle to desired size. Insert cartridge in caulking gun. Apply cement at 1/8" bead. Allow at least an hour for setting, then heat gradually when first starting fire.

All other sizes: Stir cement until uniform. Apply with a putty knife. Allow at least an hour for setting, then heat gradually when first starting fire for heat cure.

To heat cure, start a small fire, keeping the temperature low. Gradually build a large fire, approximately 500°F, after about an hour. Keep at the high heat for another hour. Heat cure this cement within 21 days after application. Once the cement is heat cured, it can endure freezing temperatures.

Contains no VOCs and is RoHS Compliant.

Will not corrode copper

Typical Physical Properties	
Solvent: Water	Service Temperature: Up to 2000°F
Weight/Gallon: 15.9 lbs.	Consistency: Smooth paste
Flashpoint: N/A	Dry Time: Air dry for 1 hour
Heat Cure Temperature: 500°F	Color: Black
Shelf Life: 18 months from the date of shipment	Storage/Handling: Do not freeze

Clean Up:

Clean up spills or excess cement immediately with water to remove all traces. Stains should be washed with soap and water immediately. Do not use acid-based cleaners. *Once cured, this product cannot be removed from many surfaces including glass, tile and porcelain.*

Coverage:

Approximately 99 linear feet with 1/8" bead for Item 64C in the cartridge. For other sizes, it depends on the surface area and depth.

Warranty & Limited Remedy:

This product will be free from defects in material and manufacture for a period of eighteen (18) months from the 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.

Cautions:

Contains sodium silicate. Product is alkaline. Avoid contact with eyes and prolonged contact with skin. Wear safety glasses and rubber gloves. In case of contact with skin flush with water. In case of contact with eyes, flush with water for 15 minutes and get medical attention.

KEEP OUT OF REACH OF CHILDREN

EYE AND SKIN IRRITANT

HARMFUL IF SWALLOWED

Please direct all inquiries regarding performance of this product to:

Rutland Products

1-800-544-1307

sales@rutland.com

7 Crabtree Rd

Jacksonville, IL 62650