



RFG Firebox Tile Installation

Please read thoroughly all 3 pages before installing

*The product will be ordered and drop shipped directly to your shipping address. **A flat fee of \$150.00 for the installation product will be added to every order at check-out. Instructions and plenty of product will be included.**

*This tile can be installed by a competent tile setter. A refractory material rather than traditional thin-set and grout **MUST** be used for installation.* Traditional grout and thinnest will fail within the first year of use because they are not created to withstand heat and thermal expansion. Some products may even contain chemicals that may be flammable. **USE ONLY THE PRODUCT PROVIDED, it has been tested and used for 17 years.**

Please be careful in handling the tiles, even though they are very strong as a refractory product, they can chip!

How much thickness will the tile add to my fireplace?

Mortar bed is approximately 1/8"

Thickness of the tile?

Tile thickness is 3/8"

Grout joints?

Approximately 1/8" or slightly less (3/32"). Variable with handmade tile.

Firebox tile is installed over existing masonry in good condition. It's a surface application like any bathroom or kitchen tile and needs a substrate to be applied to. Not a structural product.

Installers **MUST** read and follow RFG's instructions for installation!

Doesn't the tile turn black from the fire soot?

On the lower areas of back wall and side walls as well as the floor center will eventually blacken. It's not a very large area proportionate to the fireplace and many people find this appealing. If you don't, the tiles can be cleaned! Gloss and Semi-gloss are the easiest but all RFG Firebox Tiles can be cleaned using a stiff bristle scrubbing brush with soap and water. Do not use bleach nor harsh abrasives.

Setting Materials

Greenpatch 421 is used both as thinset as well as grout for RFG Firebox Tile. Please do a patch test especially for the grouting phase since this material is different in texture and also dries more quickly on the face of the tile than typical grout.

Note: This product is intended for other refractory uses. It's been tested and used for years with RFG Firebox Tile installation and is a very good product for this use.

Surfaces

The brick or other suitable masonry substrate must be in good condition and should be free of any paints or any finish that would disrupt the bond.

Greenpatch 421 is a 3200 degree wet, air-setting thick patching mortar.

This product has an excellent bond, low shrinkage and can be used up to 3/8" joints.

Shelf life 270 days.

Read safety warnings

Don't pour off any of the water that comes in the bucket.

Don't add water. If the product becomes too dry, discard. Color/pigment augmentation is not recommended and could compromise the performance of the product.

Do a small area test especially with the grouting!!

Use as a thinset:

This part of the process is fairly straightforward and can be used much like a typical thinset. Mix in the water included and be sure not to pour it off nor to add additional water. Mix very well before use. It has an excellent bond and lends itself well as a thinset. *It will dry more quickly - work in small areas.*

As a grout:

Grouting with Greenpatch 421 requires working in very small areas. This product dries VERY quickly and once it is even slightly dry, it won't budge even from a glossy surface. Have plenty of clean rags and an additional bucket of clean water on hand.

- . 1) wet a 1-2 SF area of tiles with clean water
- . 2) spot apply the material into the spaces with the float without using too much pressure (to prevent scratching).
- . 3) The moment the spaces in the area have been filled, begin wiping with a damp sponge and remove all surface material as quickly as possible and until it's completely clean.
- . 4) Continue cleaning but with clean rags until 100% clean and dry.
- . 5) *Do not let a film develop or dry on the tile or it will be there permanently.*

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