

## Stove Mortar Fillet Repair

Sometimes after the cement fillet on the outside of the stove dries and hardens, it will develop some cracks. Thermal expansion, growth and shrinkage of the cast-iron do to changing temperatures, may contribute to cracks or chips in the non-encapsulated mortar fillet. This fillet has no functional purpose. You may leave the stove as it is or re-apply a fillet for cosmetic purposes.

It is a good ideal to run the stove for a while and then determine where fillets of stove cement should be applied.

Rutland Products makes a Fireplace Mortar available in black, grey, and buff. Buff is the closest color to that used on the Upland 207 Pellet Stove.

### Instructions -

Remove any loose pieces of mortar.

Using masking tape or blue tape, line both sides of each seam.

Cut the tip of the tube for a 1/8" to 3/16" bead.

Fill any large voids. Then run a continuous bead of grout the entire length of the seam.

Smooth the bead to the size of fillet desired. Smaller is better. (A damp finger works well. )

Stop and remove any excess before it spreads beyond the tape. You may have to do this several times before you can run the full length of the seam.

Now you may carefully remove the tape.

Using a damp (not soaked) small cell sponge or cotton cloth run the length of the seam to flatten the edge of the mortar and remove any grout that spread beyond the fillet.

Rinse the sponge or cloth often. You must get everything off of the enamel before it dries.

The mortar contains sodium silicate that will etch the porcelain finish if not removed promptly. Remember that it is better to remove too much rather than to make the fillet too large.

Allow the mortar to dry overnight before firing up the stove.

