

From <http://www.delftclay.co.nz/how-to-make-refractory-cement-3-recipes/>

Refractory Cement Recipe #2

This recipe is an excellent option if you can find ready made furnace cement. (Many home improvement stores do sell it in ½ gallon buckets for \$12 to \$20.)

What You Will Need:

- Furnace cement
- Perlite
- Water

Formula

1 part Furnace cement + 4 parts Perlite (This is by volume. For example, if you use ½ gallon of Furnace cement, you will need to purchase 2 gallons of Perlite.)

What to Do:

1. Mix the ingredients together thoroughly using the above measurements. Be sure to stick to the formula. If you use more than 4 parts Perlite for each part of Furnace cement, the results will be weak. However, if you use less than 4 parts Perlite for each part of Furnace cement, it will take forever for it to seal.

1. When the Furnace cement and Perlite are combined, you will get a consistency that is very sticky to say the least. If

you add around 2 cups of water per gallon of cement, it will be much easier to work with because it will have a consistency comparable to thin plaster.

- 2.
3. Form your preferred shape and allow to completely dry.

If your looking to make a furnace check out this video series: [How to build your own D.I.Y Foundry for casting and refining.](#)