

## Materials and tools you will need to have on hand before you begin the installation

### Materials needed for *concrete slab (non-combustible) installation*:

- Eight (8) pieces of 3/8" rebar x 36" long
- Eight (8) pieces of 3/8" rebar 12" long
- Epoxy for securing rebar in footing / foundation
- Three (3) 80-lb. bags of ready mix with small aggregate (1/4" or smaller)
- Mason-lite Mortar (at least one 50 lb. bucket)

### Materials needed for *combustible wood floor installation*:

- Metal base with minimum six-inch (6") air space to combustibles
- 1" ceramic fiber board the size of the hearth base to go under the metal base
- 1/2" cement board to go on top of the metal base
- Eight (8) 12" long, 1/2" all thread with 24 nuts and washers
- Eight (8) pieces of 3/8" rebar x 36" long
- Fasteners to attach metal base to floor joists
- Mason-lite Mortar (at least one 50 lb. bucket)

### Tools needed for both of the above installations:

- One (1) 4' level
- Roto hammer with 1/2" drill bit (needed for concrete slab installation only)
- Mixer blade & drill motor (to mix MFI grout)
- One (1) wheel barrow and shovel to mix ready mix
- Two (2) empty 5-gallon buckets (to mix MFI grout)
- Grout bag
- Triangular masonry trowel
- Rubber hammer
- Sponge to wipe down and moisten parts prior to mortaring