

## HANDYMAN™ CLEANOUT DOOR INSTALLATION

1. Cut the opening into the masonry a minimum of 6" above the base of the chimney or smoke shelf in a fireplace. Use a saw or grinder with a masonry blade, hammer drill or a hammer and chisel.

The minimum opening sizes are:

CD6 - 8 1/4" x 11 1/4"  
CD8 - 12 3/8" x 16 3/8"

The opening sizes will allow for a 3/8" mortar joint around the door frame.

2. Mix the type N mortar. The formula is 1 part type N masonry cement and 3 parts washed masonry sand or 1 part type I portland cement, 1 part hydrated lime and 6 parts washed masonry sand.
3. Mix 1 part water to 1 part MOR-BOND™ and add to the mortar. The consistency should be somewhat drier than mortar that you would lay brick or block with. The MOR-BOND™ will reduce the shrinkage and cracking of the mortar.
4. Spread mortar for the bed joint (bottom of opening).
5. Check to make sure frame is "right side up".
6. Tuckpoint mortar around the rest of the door frame.
7. Finish the joint once the mortar is thumbprint hard and match the existing joints in the masonry.
8. Allow the mortar to set up before installing the door into the frame.