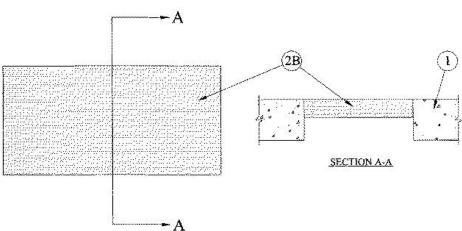


F Rating — 3 Hr T Rating — 2 Hr



1. **Floor or Wall Assembly** — Min 4-1/2 in. thick reinforced lightweight or normal weight (100-<u>150</u> pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks*.** Max area of opening is 288 sq in. with max dimension of 24 in.

See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.

- 2. **Firestop System** The firestop system shall consist of the following:
 - A. **Forms** (Not Shown) Used as a form to prevent leakage of the fill material during installation. Forms to be a rigid sheet material, positioned as required to accommodate the required thickness of fill material. Forms to be removed after fill material has cured.
 - B. **Fill, Void or Cavity Materials* Mortar** Min 2 in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall. Mortar is mixed at rate of 2-1/2 parts dry mix to one part water by volume in accordance with the fill material manufacturer's installation instructions. **RECTORSEAL** <u>Metacaulk Fire Rated Mortar</u>

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^{*,+} Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.