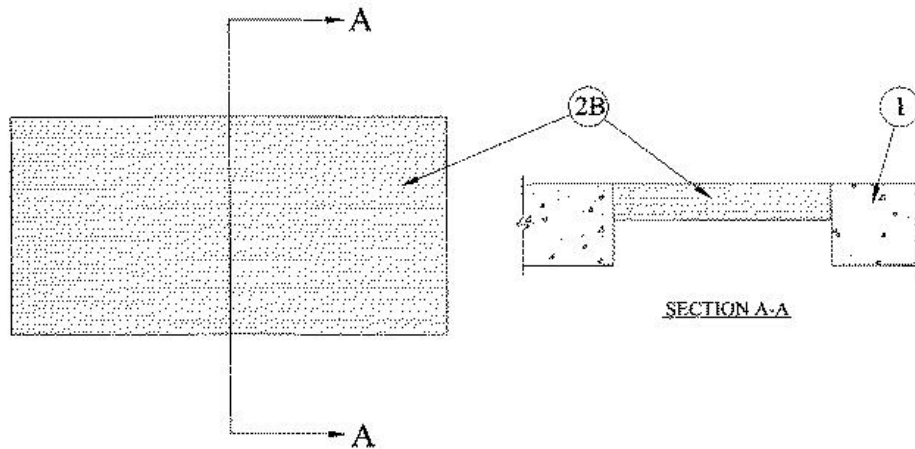


F Rating — 3 Hr
T Rating — 2 Hr



1. Floor or Wall Assembly — Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 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 — [Metacaulk Fire Rated Mortar](#)

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

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