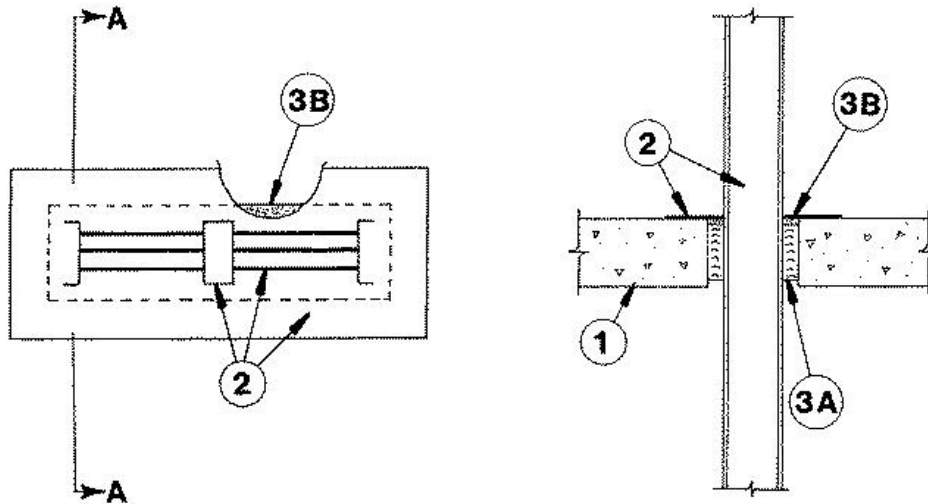


F Rating — 2 Hr
T Rating — 0 Hr



SECTION A-A

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 360 sq in. with max dimension of 30 in. See **Concrete Block (CAZT)** category in the Fire Resistance Directory for names of manufacturers.

2. **Busway+** — One of the following busways may be used:

A. Nom 15 in. wide (or smaller) by 6 in. deep "I" shaped steel and aluminum enclosure containing factory mounted copper or aluminum bars rated for 600 V, 3000 A. The busway shall bear the UL Listing Mark and shall be installed in accordance with all provisions of Article 364 of the National Electrical Code NFPA No. 70. The annular space between the flange of the busway and the periphery of the opening shall be 5/8 in. The annular space between the web of the busway and the periphery of the opening shall be 1-3/8 in. After installation of the firestop system (Item 3), a min 1/8 in. thick steel cover flange provided by busway manufacturer shall be installed on top surface of floor and both surfaces of wall assembly. Steel cover flange secured in place by 1-1/2 by 2-1/4 in. by 1/8 in. thick channel shaped hangers installed in accordance with busway manufacturers' accompanying installation instructions. Busway to be rigidly supported on both sides of floor or wall assembly.

B. Nom 27 in. wide (or smaller) by 6 in. deep "I" shaped steel enclosure containing factory mounted copper or aluminum bars rated for 600 V, 5000 A or 600 V, 4000 A, respectively. The busway shall bear the UL Listing Mark and shall be installed in accordance with all provisions of Article 364 of the National Electrical Code NFPA No. 70. The annular space between the flange of the busway and the periphery of the opening shall be 3/4 in. The annular space between the web of the busway and the periphery of the opening shall be 5 in. After installation of the firestop system (Item 3), a min 1/8 in. thick steel cover flange provided by busway manufacturer shall be installed on top surface of floor and both surfaces of wall assembly. Steel cover flange secured in place by 1-1/2 by 2-1/4 in. by 1/8 in. thick channel shaped hangers installed in accordance with busway manufacturers' accompanying installation instructions. Busway to be rigidly supported on both sides of floor or wall assembly.

3. **Firestop System** — The firestop system shall consist of the following:

A. **Packing Material** — For busways with aluminum enclosures, min 3-5/8 in. thickness of min 6 pcf mineral wool batt insulation firmly packed into opening as a permanent form. For busways with steel enclosures, min 3-7/8 in. thickness of min 4 pcf mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of fill material.

B. **Fill, Void or Cavity Material*** — **Caulk** — Min 3/8 in. thickness of material applied within the annulus, flush with top surface of floor or with both surfaces of wall.

RECTORSEAL — [Metacaulk 1000](#)

ing

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

Reprinted from the Online Certifications Directory with permission from UL. ©UL LLC