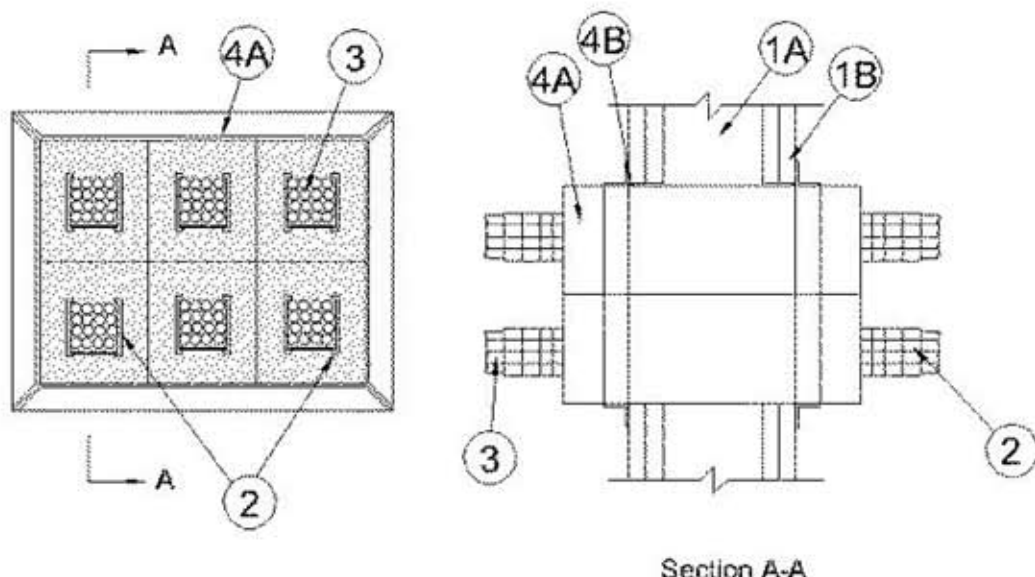


System No - W-L-4068



F Rating - Up to 2 Hr

T Rating - 0 Hr

Section A-A

1. Wall Assembly - The 1 or 2 hr fire rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300, U400 or V400 Series Wall or Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs - Wall framing may consist of either wood or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide spaced max 24 in. (610 mm) OC.

B. Gypsum Board* - Min 5/8 in. (16 mm) thick gypsum board. Max area of opening is 98-1/2 in.² (635 cm²) with a max dimension of is 12-1/8 in. (308 mm) for square devices. Diam of opening is 4-1/2 in. (114 mm) for round devices.

The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Cable Tray* - Nom 2 in. (51 mm) wide by 2 in. (51 mm) high welded wire basket cable tray formed from min 0.23 in. (5.8 mm) thick steel wires in the longitudinal direction and 0.19 in. (4.8 mm) wires in the transverse direction. Transverse wires shall be spaced max 4 in. OC. One cable tray shall be installed within each firestop device (Item 4A). The annular space between the cable tray and the periphery of the device shall be min 1/2 in. (13 mm) to max 1-1/2 in. (38 mm). Cable tray to be rigidly supported on both sides of wall assembly.

3. Cables - Cable fill within cable tray shall be a nom 2 in. (100 % visual fill). If three or more firestop devices (Item 4A) are ganged together, the cable fill may be less than 2 in. Any combination of the following types and sizes of cables may be used:

A. Max 4 pair No. 24 AWG copper conductor Cat5e or Cat 6 telephone cable with polyvinyl chloride (PVC) insulation and jacket materials.

B. Max 4 pair No. 23 AWG copper conductor Cat 6 telephone cable with PVC insulation and jacket materials.

System No - W-L-4068 cont.**4. Firestop System** - The firestop system shall consist of the following:

A. Firestop Device* - A max of six square firestop devices may be ganged together. As an alternate, one round device may be centered in a round opening. Each device consists of a nom 4 by 4 by 10 in. (102 by 102 by 254 mm) or 4 in. (102 mm) diam by 10 in. (254 mm) powder coated steel transit incorporating internal intumescent material, foam plugs and mounting flanges. Firestop device(s) to be installed within opening with ends projecting an equal distance beyond each surface of wall assembly in accordance with the accompanying installation instructions. The annular space between device(s) and periphery of opening shall be a min 0 in. (0 mm, point contact) to a max 1/8 in. (3 mm). Firestop device(s) secured in place by means of fill material (Item 3B) and steel split mounting flanges sized to accommodate the firestop device. Steel split mounting flanges installed on both sides of wall after installation of fill material, and secured together with supplied steel set screws. Nom 1 in. (25 mm) thick pre-cut foam plugs sized to accommodate the through penetrant and installed flush with each end of device on both sides of wall assembly.

ABESCO LTD - CT120 Cable Transit

B. Fill, Void or Cavity Materials* -Sealant - Min 1/8 in. (3 mm) bead of fill material shall be applied at interface of gypsum board and firestop devices immediately prior to the installation of the mounting flanges. If the firestop system contains three or less cable transits (Item 3A) ganged together, the fill material may be optional.

ABESCO LTD - CP310 FR Acrylic Intumescent Caulk

*Bearing the UL Classification Mark