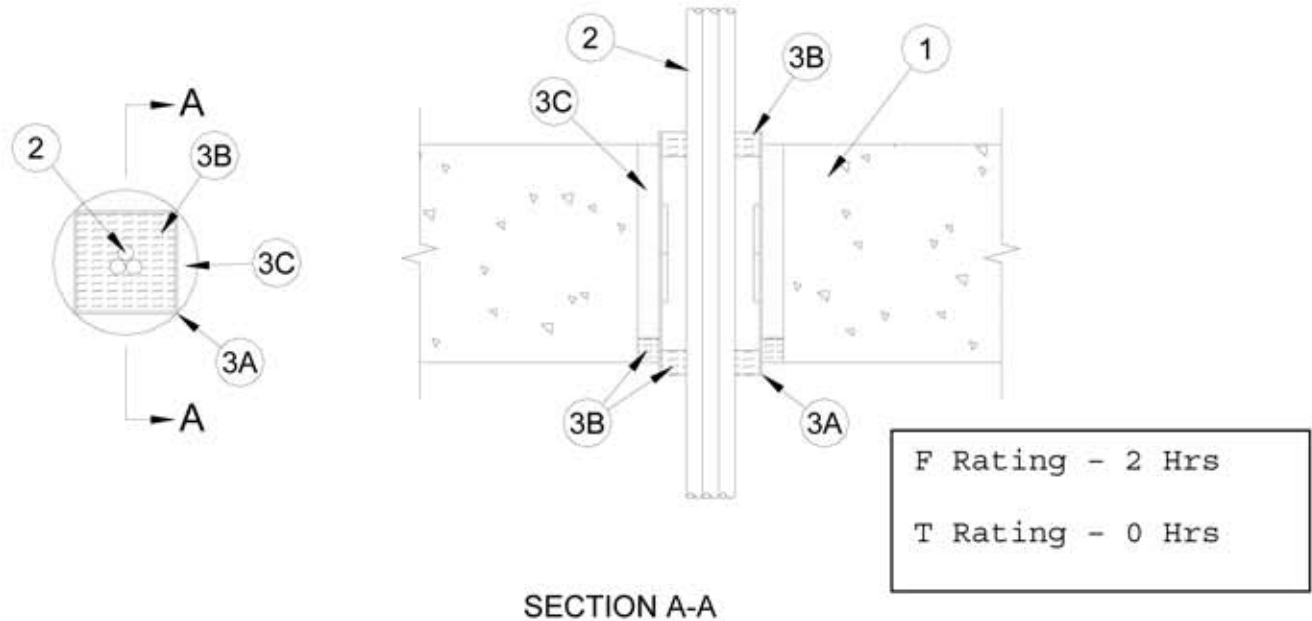


System No - C-BJ-3027



1. **Floor or Wall Assembly** - Min 9 in. thick lightweight or normal weight (100-150 pcf) reinforced concrete. Wall may also be constructed of any min 9 in. thick UL Classified **Concrete Blocks***. Max diam of opening is 6 in.

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

2. **Cables** - Aggregate cross-sectional area of cables in opening of firestop device (see item 3A) to be max 5 percent of the aggregate cross-sectional area of the device opening. Cables to be positioned within the center of the device opening. Cables to be rigidly supported on both sides of floor or wall assembly. Any combination of the following types and sizes of cables may be used:

- A. Max 12/C No. 18 AWG (or smaller) cable with PVC insulation and jacket.
- B. Max 3/C No. 12 AWG (or smaller) with PVC insulation and jacket.
- C. Max 4 pair No. 24 AWG (or smaller) data cable with PVC insulation and jacket.

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

A. **Firestop Device*** - Galvanized steel cable transit interior-lined with an intumescent material sized to fit specific diam of the cored opening installed in accordance with accompanying installation instructions.

ABESCO LTD - CT120 Transit

B. **Packing Material** - Min 1 in. thickness of min 10.3 pcf mineral wool batt insulation firmly packed into the annulus between the cables and the transit flush with both surfaces of floor or wall. For floor applications, min 1 in. thickness of min 10.3 pcf mineral wool batt insulation firmly packed into the annulus between the transit and cored opening flush with the bottom surface of floor.

C. **Fill, Void or Cavity Materials*** - Mortar - Min 8 in. thickness of fill material applied within annulus between the cable transit and cored opening, flush with top surface of floor. For wall applications, min 9 in. thickness of fill material applied within annulus of cable transit and cored opening flush with both surfaces of the wall. Mortar mixed at a rate of 2 to 3 parts dry mix to one part water by volume in accordance with the fill materials manufacturer's installation instructions.

ABESCO LTD - FR Mortar

*Bearing the UL Classification Mark