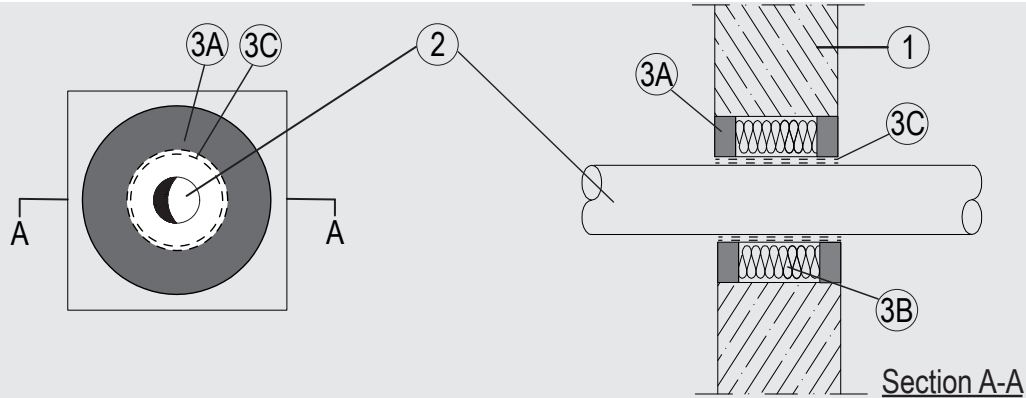


Through-penetration Firestop Systems

System No. W-J-3273

CAN / ULC S115

F Rating - 2 Hr
FT Rating - 1 1/2 Hr
FH Rating - 0 Hr
FTH Rating - 0 Hr



1. Wall Assembly

Min. 4-1/2 in. (115 mm) thick lightweight or normal weight (100-150 pcf or 1600 - 2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Opening shall be rectangular with max dimensions of 12 in. (300 mm) high by 12 in. (300 mm) wide. See Concrete Blocks (CAZT) in the Fire Resistance Directory for names of manufacturers.

2. Cables

Bundle of 6" (150 mm) diameter of the following types and sizes of cables may be used A. Max 20/C No. 19 AWG (0.6 mm) diam (or smaller), copper conductor telecommunication cables PE jacket.

3. Firestop System

The Firestop System shall consist of the following:

- A. Packing Material – Nom. 2-3/8 in. (60 mm) thick mineral wool boards min. 3.7 pcf (60 kg/m³) firmly packed into the opening of the wall as a permanent form. Packing material to be installed flush with both surfaces of wall.
- B. Fill, Void or Cavity Material* – Min. 1/8 in. (4 mm) dry film thickness to be applied, coating the inside surface of the opening before installation of the packing material and over the full surface of the mineral wool boards, and overlapping onto the wall by min. 3/4 in. (20 mm).

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- C. Fill, Void or Cavity Material* – 1 length of 1 layer of 1/16 in (1.5 mm) by 2 in. (50 mm) wrap flush mounted with the outside of the wall on both sides around the cable bundle.

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