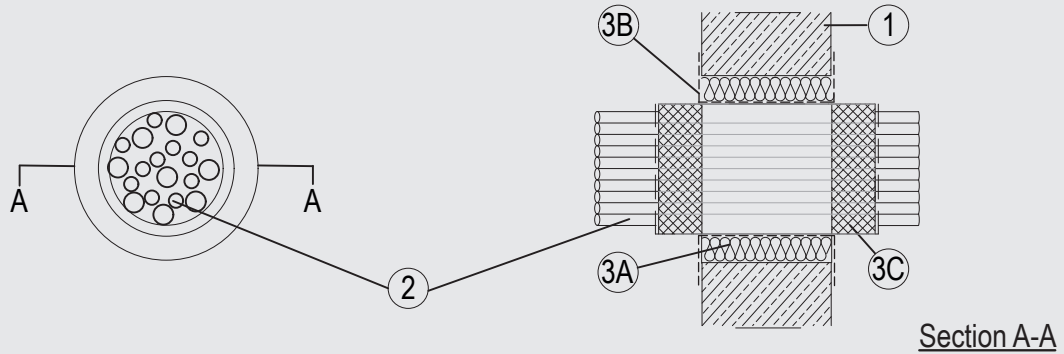




Through-penetration Firestop Systems

System No. W-J-3241

ANSI/UL1479 (ASTM E814)	CAN / ULC S115
F Rating – 3 Hr	F Rating – 3 Hr
T Rating – 1 - 1/2 Hr	FT Rating – 1 - 1/2 Hr
	FH Rating – 3 Hr
	FTH Rating – 1 - 1/2 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 circular or rectangular with max diameter or dimensions of 6-3/8 in. (162 mm).

See Concrete Blocks (CAZT) in the Fire Resistance Directory for names of manufacturers.

2. Cables

Bundle of 5-3/8" (137 mm) diameter of the following types and sizes of cables may be used: A. Max 20/C No. 5/8" (16.2 mm) diameter (or smaller), copper conductor cable with PE insulation and PE jacket

3. Firestop System

The Firestop System shall consist of the following:

- A. Packing material – 2 layers of Nom. 2-3/8 in. (60 mm) thick mineral wool board min. 9.3 pcf (150 kg/m³) firmly packed into the opening of the wall as a permanent form, flush to both faces.
- B. Fill, Void or Cavity Material* – Min. 1/16 in. (2 mm) dry film thickness to be applied inside the aperture before installation and over the full surface of the mineral wool boards, and overlapping onto the wall by min. 3/4 in. (20 mm). in. 1/32 in. (1 mm) dry film thickness to be applied to cables over 7-7/8" (200 mm) length, centralized within the seal.
Flamro Brandschutz-Systeme GmbH – FLAMMOTECT-A
- C. Firestop Device* – 7-7/8 in. (200 mm) long by 5-3/8" (137 mm) diameter cable tube positioned centrally within the seal and around the cables.
Flamro Brandschutz-Systeme GmbH – Cable Tube

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