

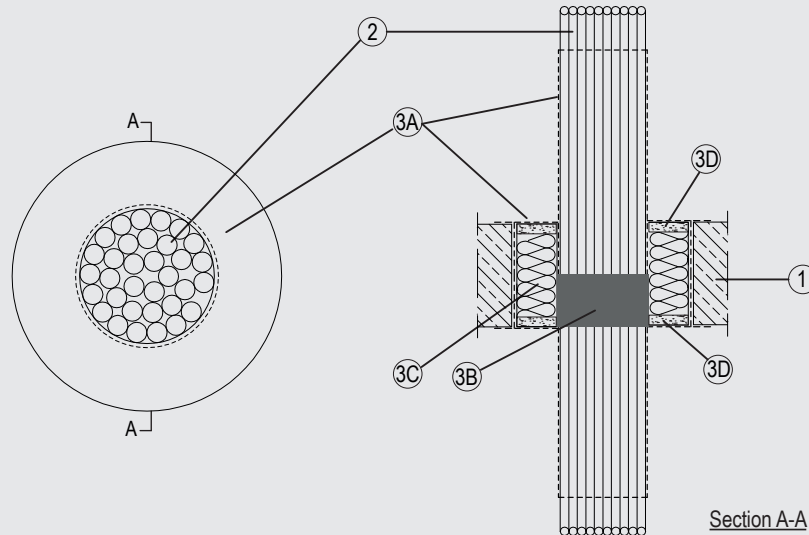
Through-penetration Firestop Systems

System No. C-AJ-3387

ANSI/UL1479 (ASTM E814)

F Rating — 3 Hr	F Rating — 3 Hr
T Rating — 1 Hr	FT Rating — 1 Hr
	FH Rating — 3 Hr
	FTH Rating — 1 Hr

CAN / ULC S115



System tested with a pressure differential of 2.5 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

1. Floor Assembly

Min. 4-1/2 in. (115 mm) thick normal weight (nom. 135-150 pcf or nom. 2160-2400 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 7-7/8 in. (200 mm). See Concrete Blocks (CAZT) category in UL ProductIQ for names of manufacturers.

2. Cables

Single or tight bundle of max diam 6-2/3 in. (170 mm). Annular space between the bundle and the periphery of the opening to be a nom 0.6 in (15 mm). Cables to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of cables may be used:

A. Max 20 pair No. 22 AWG (0.6 mm) diam (or smaller), copper conductor telecommunication cables with PE insulation and jacket.

3. Firestop System

The Through-Penetration Firestop System shall consist of the following:

A. Fill, Void or Cavity Material* — Min 0.08 in. (2 mm) dry film thickness to be applied onto Item 2 within the opening and min. 7-7/8 in. (200 mm) from both surfaces of floor or wall assembly.

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B. Fill, Void or Cavity Material* — 1 layer of 1/16 in (1.5 mm) by 2 in. (50 mm) wrap flush mounted on the exposed side of floor or both sides of wall assembly and wrapped around the coated cable bundle.

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C. Packing Material — Min 4-1/3 in. (110 mm) thickness of min 6 pcf (100 kg/m³) mineral wool insulation firmly packed into annulus as a permanent form. Packing material to be recessed from both surfaces of floor or wall to accommodate the required thickness of fill material.

D. Fill, Void or Cavity Material* — Min 0.08 in. (2 mm) thickness of fill material applied within the annulus, flush with both surfaces of floor or wall assembly.

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

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