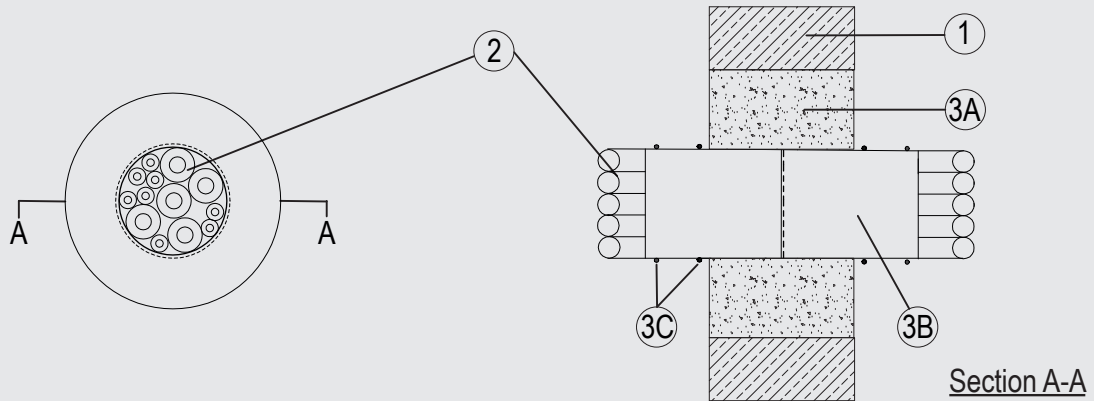


Through-penetration Firestop Systems

System No. W-J-8064

ANSI/UL1479 (ASTM E814)	CAN / ULC S115
F Rating – 3 Hr	F Rating – 3 Hr
T Rating – 2 Hr	FT Rating – 2 Hr
	FH Rating – 3 Hr
	FTH Rating – 2 Hr



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. 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 7-7/8 in. (200 mm).

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

2. Services

1-1/4 in. (32 mm) diameter (or smaller) PE-HD conduit in bundles of diameter 4 in. (100 mm) or smaller, empty:

3. Firestop System

The Firestop System shall consist of the following:

A. Fill, Void or Cavity Material* – Mortar - Nom 4-1/2 in. (115 mm) cast in to aperture in the wall and around the services.

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B. Fill, Void or Cavity Material* – 2 lengths of 3 layers of 1/16 in (1.5 mm) by 5 in. (125 mm) wrap butt jointed centrally within the depth of the seal around the conduit to a total length of 10 in. (250 mm).

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C. Min 24 AWG steel wire tied around 3B at nominally 1 in. (25 mm) and 2 in. (51 mm) from both faces of the seal.

*Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively. Reprinted from the Online Certifications Directory with permission from UL.