System No. W-J-1251
XHEZ7.W-J-1251
Through-penetration Firestop Systems Certified for Canada

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Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

XHEZ - Through-penetration Firestop Systems

XHEZ7 - Through-penetration Firestop Systems Certified for Canada

See General Information for Through-penetration Firestop Systems

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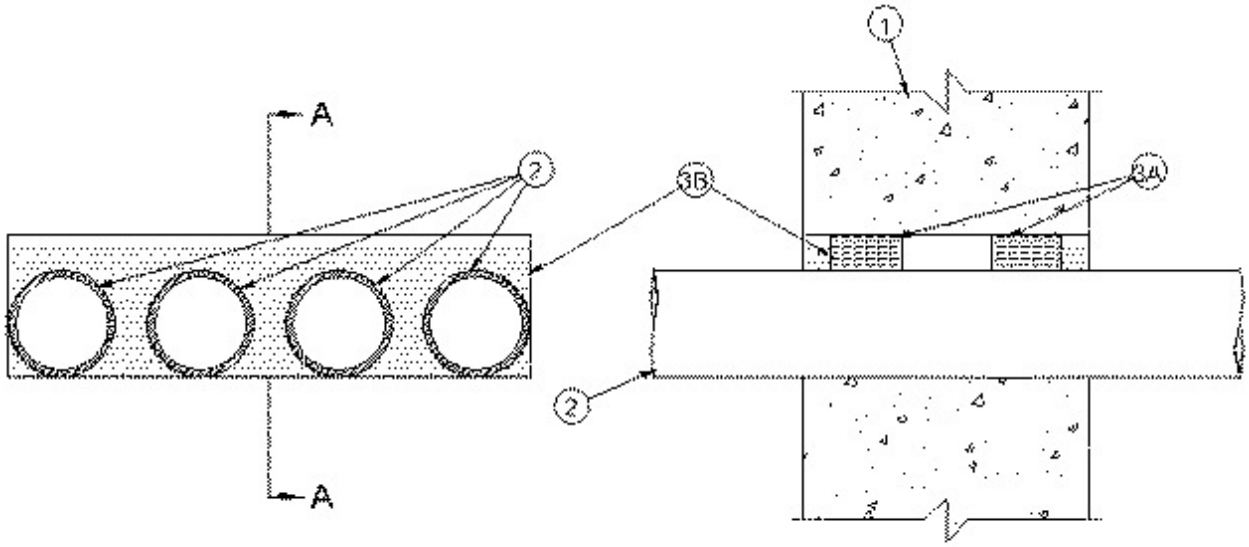
System No. W-J-1251

June 13, 2016

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating — 2 Hr	F Rating — 2 Hr
T Rating — 1/4 Hr	FT Rating —1/4 Hr
	FH Rating — 2 Hr
	FTH Rating —1/4 Hr



SECTION A-A

1. **Wall Assembly —** Min 6 in. (152 mm) thick reinforced lightweight or normal weight (100-150 pcf (1600-2400 kg/cu meter)) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max area of opening is 33 sq in. (213 sq cm) with max dimensions of 11 in. (279 mm).

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

2. **Through Penetrants —** One or more pipes, conduits or tubing to be installed within the opening. The space between pipes, conduits or tubing shall be a nom 1/2 in (13 mm). The space between pipes, conduits or tubing and periphery of opening shall be min 0 in. (point contact) to max 3/4 in (19 mm). Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of pipes, conduits or tubing may be used:

A. **Steel Pipe —** Nom 2 in. (51 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

B. **Iron Pipe —** Nom 2 in. (51 mm) diam (or smaller) cast or ductile iron pipe.

C. **Conduit —** Nom 2 in. (51 mm) diam (or smaller) steel electrical metallic tubing or rigid steel conduit.

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

A. **Packing Material —** Min 2-1/2 in. (64 mm) thickness of min 4 pcf (64 kg/cu meter) mineral wool batt insulation compressed and firmly packed into opening as a permanent form. Packing material recessed from both surfaces of wall as required to accommodate the required thickness of fill material.

B. **Fill Void or Cavity Materials* — Sealant —** Min 1/2 in. (13 mm) thickness of fill material applied within annulus, flush with both surfaces of wall.

A/D FIRE PROTECTION SYSTEMS INC — A/D FIREBARRIER Acrylic Sealant, A/D FIREBARRIER Intumescent Sealant, A/D FIREBARRIER Intumescent Sealant II

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

Last Updated on 2016-06-13