System No. W-L-7200
XHEZ7.W-L-7200
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

See General Information for Through-penetration Firestop Systems Certified for Canada

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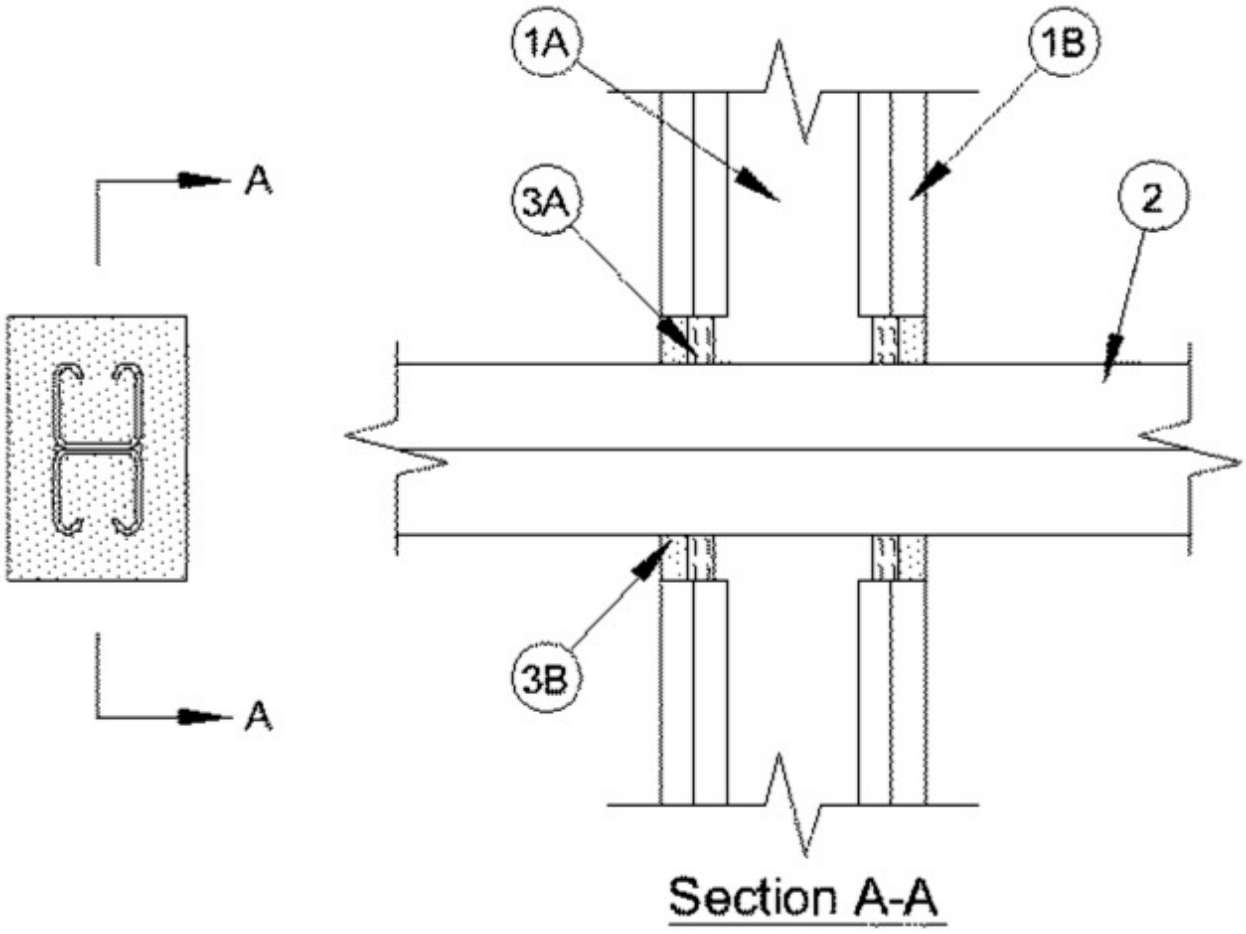
June 08, 2016

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Ratings — 1 and 2 Hr (See Item 3)	F Ratings —1 and 2 Hr (See Item 3)
T Rating — 0 Hr	FT Rating —0 Hr
	FH Ratings —1 and 2 Hr (See Item 3)
	FTH Rating —0 Hr



1. **Wall Assembly —** The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400, V400 or W400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs —** Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced max 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide and spaced max 24 in. (610 mm) OC.

B. **Gypsum Board* —** One or two layers of gypsum board, as specified in the individual Wall and Partition Design. Max diam of opening is 3-3/8 in. (86 mm). Max area of rectangular opening is 16.5 sq in. (106 cm^2) with max dimension of 5 in. (127 mm).

2. **Through Penetrants —** One metallic strut, cable or rod service support to be installed within the firestop system. An annular space of min 1/8 in. (3 mm) to max 7/8 in. (22 mm) is required within the firestop system. Strut, cable or rod to be rigidly supported on both sides of floor or wall assembly. The strut, cable or rod may be installed at an angle not greater than 45 degrees from the perpendicular. The following types and sizes of metallic strut, cable or rod may be used:

A. **Steel Strut —** Max 1-5/8 by 1-5/8 in. (41 by 41 mm) channel strut formed from min 0.105 in. (2.7 mm) thick galv or painted steel.

B. **Steel Strut —** Max 3-1/4 by 1-5/8 in. (83 by 41 mm) H strut formed from min 0.105 in. (2.7 mm) thick galv or painted steel.

C. **Cable —** Max 3/8 in. (9.5 mm) diam unjacketed galv steel cable.

D. **Threaded Rod —** Max 5/8 in. (16 mm) diam galv steel threaded rod.

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

A. **Packing Material —** (See Table below) - Min 1/2 in. (13 mm) thickness of min 4 pcf (64 kg/m^3) mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be located between penetrant and periphery of opening, and within channels of struts. Packing material to be recessed from both surfaces of wall to accommodate the required thickness of fill material.

B. **Fill, Void or Cavity Material* - Sealant —** Min 1/2 in. (13 mm) thickness of fill material applied within the annulus and within the channel struts, flush with both surfaces of wall. See Table below.

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

The F Rating for the System is dependent upon the use of packing material and the type of sealant used as indicated in the Table below.

F Rating	Packing Material	Sealant
1	No	A/D FIREBARRIER Intumescent Sealant, A/D FIREBARRIER Intumescent Sealant II
2	No	A/D FIREBARRIER Intumescent Sealant, A/D FIREBARRIER Intumescent Sealant II
2	Yes	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 2016-06-08