XHEZ.C-AJ-3375 - Through-penetration Firestop Systems

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

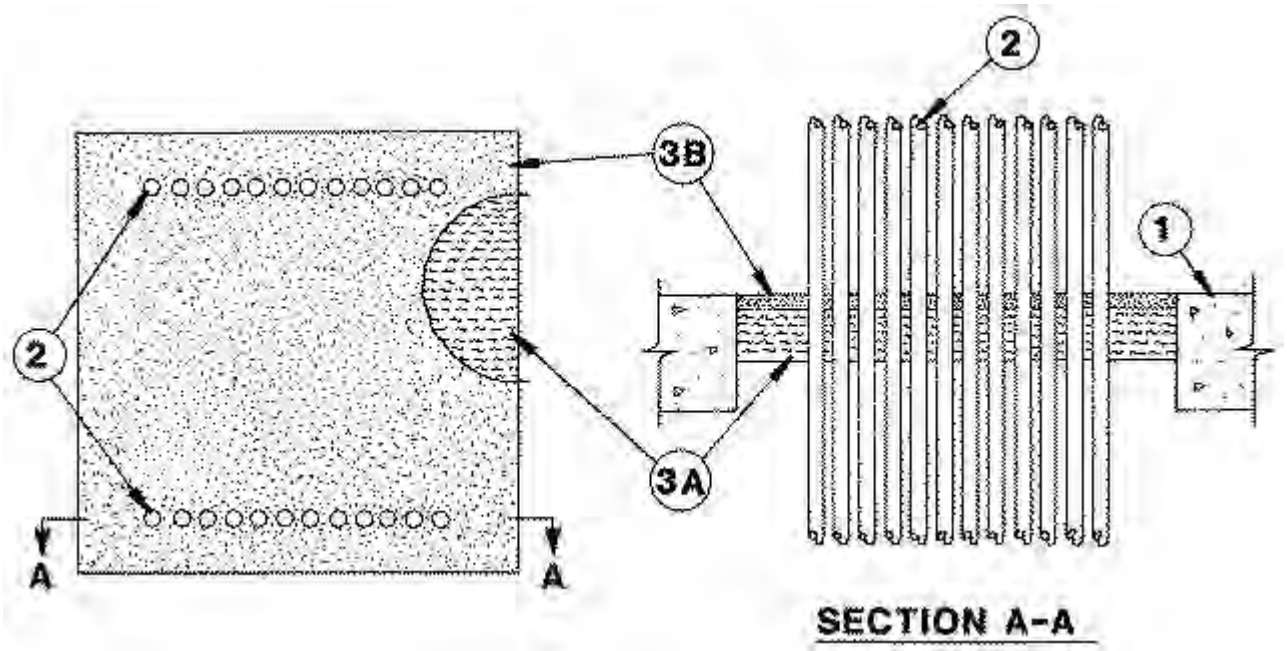
See General Information for Through-penetration Firestop Systems

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

System No. C-AJ-3375

January 10, 2020

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating - 2 Hr	F Rating -2 Hr
	FH Rating -2 Hr
T Rating - — 0 Hr	FT Rating - — 0 Hr
	FTH Rating -— 0 Hr



1. **Floor Or Wall Assembly —** Min 4-1/2 in. (114 mm) thick reinforced normal weight (145-150 pcf (2320-2400 kg/cu meter)) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks*.** Max area of opening is 289 sq in. (1860 sq cm) with max dimension of 17 in. (432 mm).
See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Cables —** Max 24 of the following types of cables may be used:

A. 1/C No. 350 MCM cable with XLPE insulation and jacket.

B. 3/C No. 4 AWG cable with XLPE insulation and jacket.
The cables shall be spaced in two rows. Each row of cables shall consist of max 12 cables. The rows of cables shall be spaced 13 in. (330 mm) apart and spaced 2 in. (51 mm) from the periphery of the opening. Cables to be rigidly supported on both sides of floor or wall assembly.

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

A. **Packing Material —** Min 2 in. (51 mm) thickness of min 6 pcf (96 kg/cu meter) mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall as required 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, flush with top surface of floor or with both surfaces of wall. When thickness of packing material (Item 4A) is increased to min 3-1/2 in. (89 mm), min fill thickness is 1/4 in. (6 mm).
RELIANCE WORLDWIDE CORPORATION DBA HOLDRITE HYDROFLAME — HydroFlame 300 CG

* 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 2020-01-10