System No. W-J-1254
XHEZ.W-J-1254
Through-penetration Firestop Systems

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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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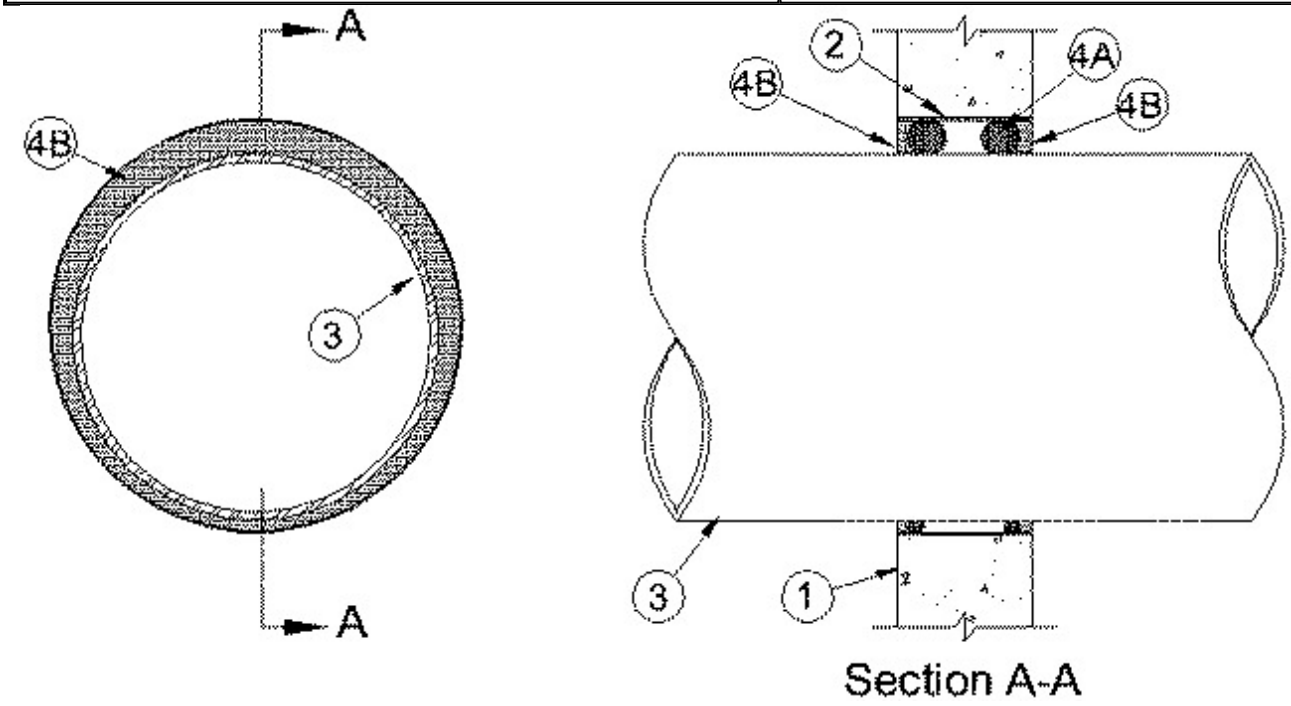
June 13, 2016

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



1. **Wall Assembly —** Min 6 in. (152 mm) thick lightweight of normal weight (100-150 pcf (1600-2400 kg/cu meter) concrete wall assembly. Wall may also be constructed of any UL Classified **Concrete Blocks***. Circular opening in wall to be min 1 in. (25 mm) larger than outside diam of insulated pipe. Max diam of opening is 17 in. (432 mm).

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

2. **Steel Sleeve — (Optional) —** Max 17 in. (432 mm) diam cylindrical sleeve fabricated from min No. 30 gauge (0.016 in. (0.4 mm)) to max No. 16 gauge (0.056 in. (1.4 mm)) thick galv steel and having a min 2 in. (51 mm) lap along the longitudinal seam. As an alternate, a nom 18 in. (457 mm) diameter (or smaller) Schedule 10 (or heavier) steel pipe sleeve may be used. Sleeve to be cast or grouted into wall with ends of sleeve flush with or recessed max 1/8 in. .(3 mm) from wall surfaces.

3. **Pipe —** Nom 16 in. (406 mm) diameter (or smaller) cast iron, ductile iron or Schedule 10 (or heavier) steel pipe. One pipe to be installed either concentrically or eccentrically within the firestop system. The annular space within the firestop system shall be min 1/4 in. (6 mm) to max 3/4 in. (19 mm). Pipe to be rigidly supported on both sides of wall assembly.

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

A. **Forming Material —** Foam backer rod friction-fitted into steel sleeve as a permanent form. Forming material to be recessed from both surfaces of wall as required to accommodate the required thickness of fill material.

B. **Fill, Void or Cavity Material* — Caulk —** Min 1/2 in. .(13 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall. Edges of steel sleeve to be covered with caulk.

A/D FIRE PROTECTION SYSTEMS INC — 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