

THROUGH-PENETRATION FIRESTOP SYSTEM

[Assembly Usage Disclaimer](#)

Search Parameters

Manufacturer

Holdrite

XHEZ - Through-penetration Firestop Systems

XHEZ7 - Through-penetration Firestop Systems Certified for Canada

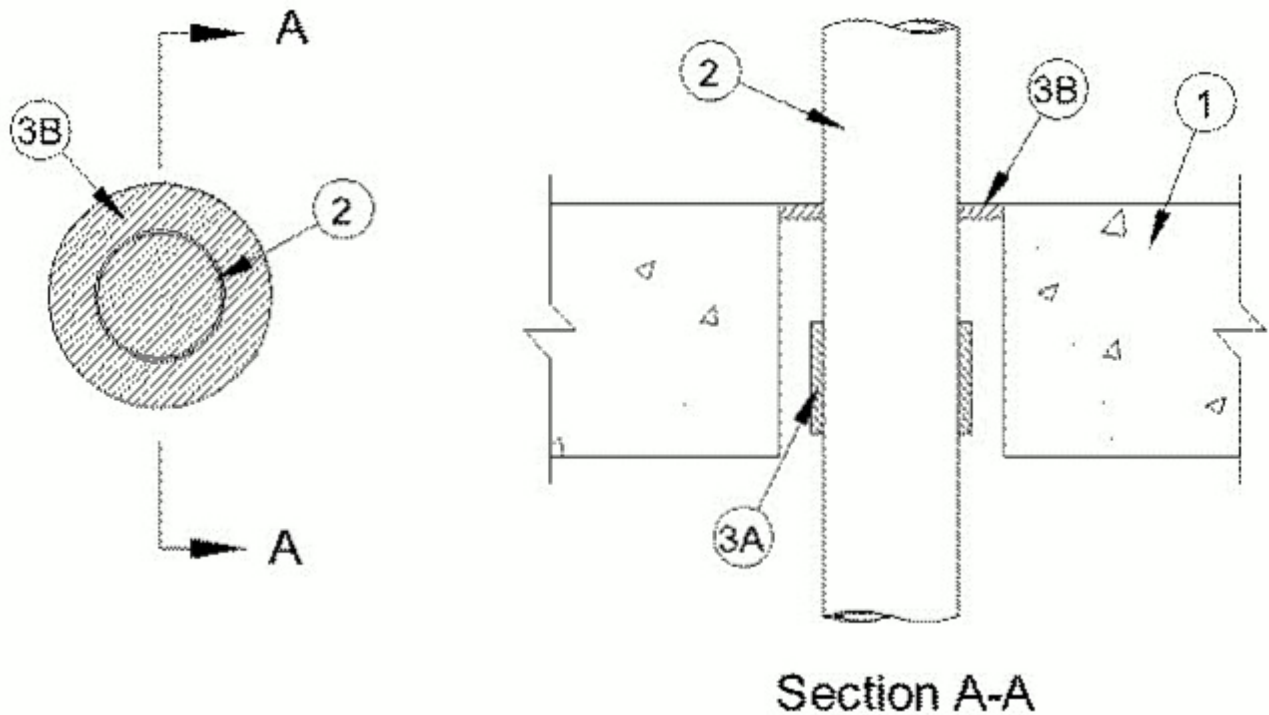
[See General Information for Through-penetration Firestop Systems](#)

[See General Information for Through-penetration Firestop Systems Certified for Canada](#)

System No. C-AJ-2864

January 23, 2019

ANSI/UL1479 (ASTM E814)	CAN/ULC S115	
F Rating — 2 Hr	F Rating — 2 Hr	
T Rating — 2 Hr	FT Rating — 2 Hr	
L Rating At Ambient — Less Than 1 CFM/sq ft	FH Rating — 2 Hr	
L Rating At 400°F — Less Than 1 CFM/sq ft	FTH Rating — 2 Hr	



System tested with a pressure differential of 50 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

1. **Floor or Wall Assembly** — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Max diam of opening is 3 in. (76 mm).

2. **Through Penetrant** — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 solid core XFR coated polyvinyl chloride (PVC) pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. Pipe centered within the firestop system with a nom annular space of 5/16 in. (8 mm). Pipe to be rigidly supported on both sides of floor or wall assembly.

3. The firestop system consisted of the following:

A. **Fill, Void or Cavity Materials* - Wrap Strip** — Nom 1/4 in. (6 mm) thick intumescent material supplied in 2 in. (51 mm) wide strips. Min one layer of wrap strip wrapped tightly around the nonmetallic penetrant, held in position with tape and recessed min 1/2 in. (13 mm) to max 2-1/4 in. (57 mm) from the bottom of the floor or both surfaces of the wall.

RELIANCE WORLDWIDE CORPORATION DBA HOLDRITE HYDROFLAME — HydroFlame Wrap Strip

B. **Fill, Void or Cavity Material* - Sealant** — Min 1/4 in. (6 mm) thickness of caulk applied within annulus, flush with the top surface of floor or both surfaces of wall.

RELIANCE WORLDWIDE CORPORATION DBA HOLDRITE HYDROFLAME — HydroFlame 200

*** 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 2019-01-23

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- 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.
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