

# THROUGH-PENETRATION FIRESTOP SYSTEM

[Assembly Usage Disclaimer](#)

## Search Parameters

Manufacturer

Holdrite

## XHEZ - Through-penetration Firestop Systems

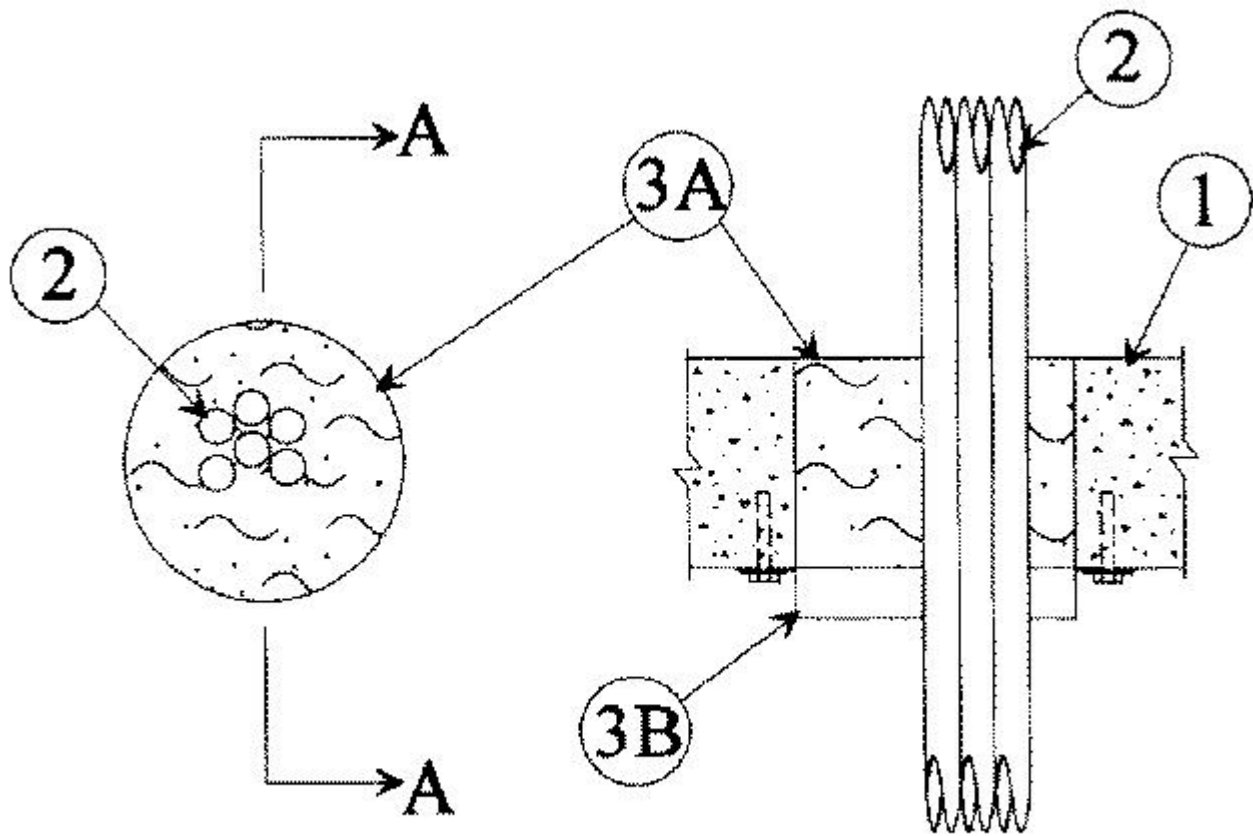
[See General Information for Through-penetration Firestop Systems](#)

### System No. C-AJ-2844

January 08, 2019

**F Rating — 2 Hr**

**T Rating — 2 Hr**



## SECTION A-A

1. **Floor or Wall Assembly** — Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks\***. Max diam of opening is 6 in. See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Nonmetallic Pipe** — Nom 1 in. diam (or smaller) SDR 9 crosslinked polyethylene (PEX) tube for use in closed (process or supply) piping systems. Six tubes to be bundled together within opening. The space between tubes and periphery of the opening shall be min 1-1/4 in. to max 2-1/2 in. Tubes 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 4-1/2 in. thickness of min 4.0 pcf mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be installed flush with both surfaces of floor or wall.

B. **Firestop Device\*** — Nom 4 in. size galv steel collar lined with an intumescent material sized to fit specific diam of the bundled penetrants. Device to be installed around through penetrants in accordance with accompanying installation instructions. Device incorporates three anchor tabs for securement to underside of the concrete floor by means of 1/4 in. diam by 1-1/4 in. long steel

expansion bolts in conjunction with min 3/4 in. diam washers. In walls, collars are installed on each side of wall.

**RELIANCE WORLDWIDE CORPORATION DBA HOLDRITE  
HYDROFLAME — HydroFlame Pipe Collar**

**\* 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 2019-01-08

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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.

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The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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