

System No. F-A-0032 XHEZ.F-A-0032 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

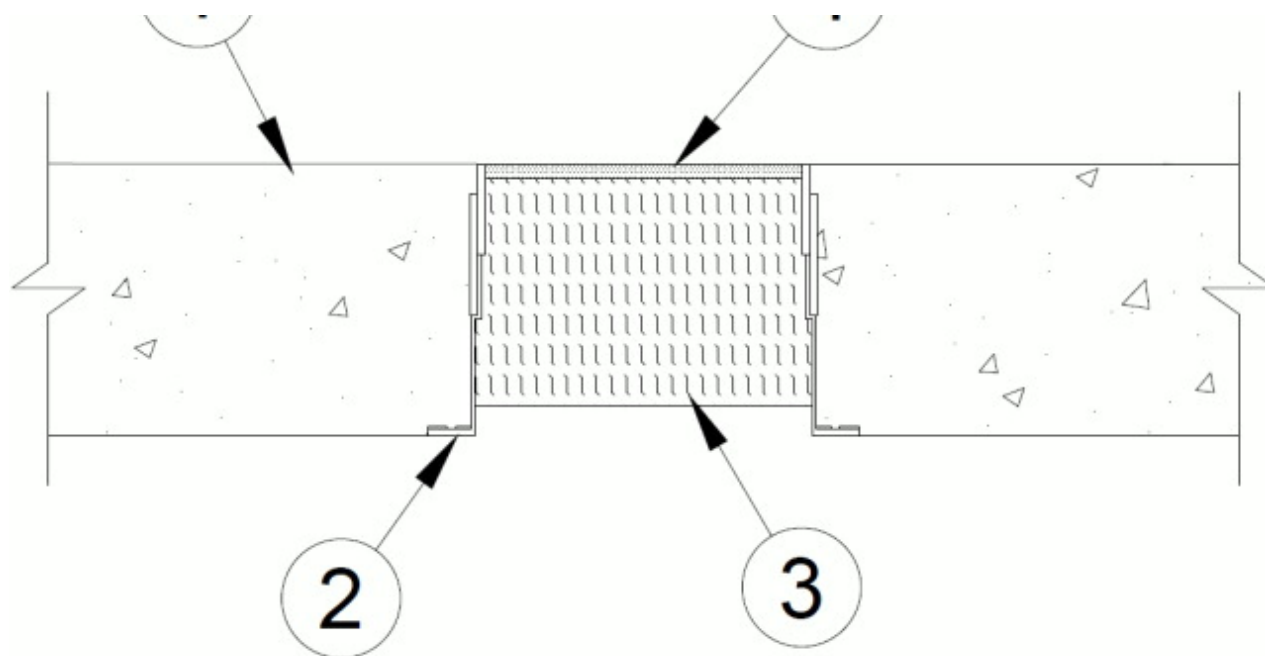
[See General Information for Through-penetration Firestop Systems](#)

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

System No. F-A-0032

June 27, 2016

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 — 2 CFM/sq ft	FTH Rating — 2 Hr
W Rating — Class 1	L Rating At Ambient — Less Than 5.1 L/s/m ³
	L Rating At 400 F — 10.2 L/s/m ³



1. **Floor Assembly** — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete.

2. **Firestop System* — Sleeve** — Max 6 in. (152 mm) cast in place firestop device permanently embedded during concrete placement in accordance with accompanying installation instructions. The device shall be installed flush with top and bottom surfaces of floor.

SECURUS INC, DBA HOLDRITE — HydroFlame WD Sleeve

When HydroFlame WD 0600 Sleeve is used, the nominal 1 by 0.3 in. (25 by 7.6 mm) void created by the stepped base within the sleeve shall be tightly-packed with mineral wool batt insulation (Item 4) during firestop installation if concrete floor assembly is less than 7 in. (178 mm) thick.

3. **Packing Material** — Min 3-3/4 in. (95 mm) thickness of min 4 pcf (64 kg/m³) mineral wool batt insulation firmly packed into firestop device as a permanent form so that the width of the wool is compressed at least 50 percent. Packing material to be recessed from top surface of floor as required to accommodate the required thickness of fill material.

4. **Fill, Void or Cavity Material* — Sealant** — Min 1/4 in. (6 mm) thickness of sealant applied within the annulus, flush with the top surface of floor. Sealant must lap onto top surface of concrete floor around entire perimeter of firestop device to attain W Rating.

TREMCO INC — Fyre-Sil Sealant or Fyre-Sil S.L. Sealant

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

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