



XHEZ7.W-N-3001 - Through-penetration Firestop Systems Certified for Canada

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

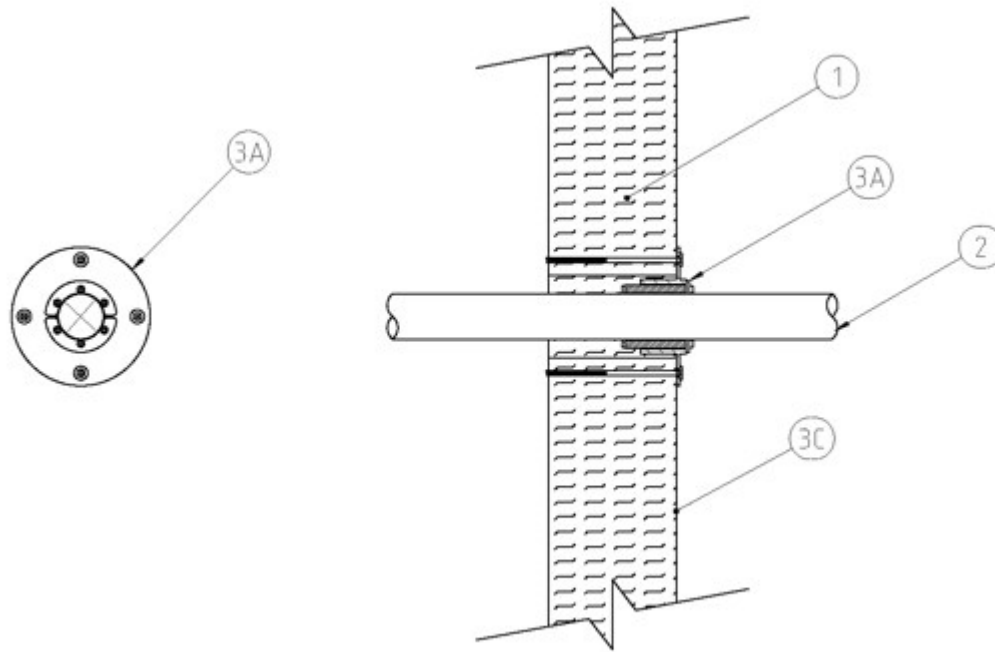
[See General Information for Through-penetration Firestop Systems](#)

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

System No. W-N-3001

November 18, 2020

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating — 2 Hr	F Rating — 2 Hr
T Rating — 3/4 Hr	FT Rating — 3/4 Hr
L Rating At Ambient — Less Than 1 CFM per Device	FH Rating — 2 Hr
L Rating At 400°F — Less Than 1 CFM per Device	FTH Rating — 3/4 Hr
	L Rating At Ambient — Less Than 0.5 L/s Per Device
	L Rating At 400°F — Less Than 0.5 L/s Per Device



1. **Partition Panel Units*** — The 2 hr fire rated composite wall assembly shall be constructed of nom 6 in. (152 mm) thick coated steel faced **Partition Panel Units*** (CJMR) installed in the manner specified in Wall and Partition Design No. U059 in the Fire Resistance Directory. Panel cutout sized to fit OD and depth of recessed device sleeve. Max diam of panel cutout is 4 in. (103 mm). Panel cutout of steel skin is required at both sides of opening. As an option, the steel skin cutout on side of wall opposite firestop device can be smaller and of sufficient size to accommodate the passing of the through penetrant. Panel cutout shall extend into the insulation core of the panel at one side of wall to accommodate the depth of the recessed firestop device sleeve. Opening can be located on or off panel unit joints. After installation of firestop device and through penetrant, retained cutout pieces of the insulation core are used to fill any visible voids between and around the penetrant to be flush with face of wall.

DURASYSTEMS BARRIERS INC — DuraWall Panels

2. **Cable** — Within the loading area for the firestop device module, the cable may represent a 0 to 100 percent visual fill. Cable to be installed through the firestop device and the insulation core of the partition panel to pass through the opening. Cable to be rigidly supported on both sides of wall assembly. The following cable types may be used:

A. Max 500 kcmil (or smaller) copper conductor shielded or unshielded power cable with Ethylene Propylene Rubber (EPR) insulation and PVC jacket materials.

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

A. **Firestop Device*** — Circular RS firestop device for use in pre-cut or pre-formed openings, sized to the OD of the recessed device sleeve. The device is intended to be installed into the panel cutout at one side of wall with the circular flange of device installed flush against steel skin of partition panel. Each device consists of two semi-circular elastomeric inserts with removable elastomeric layers and steel compression plates. The elastomeric layers of the device are removed one by one until a max gap of 0.04 (1 mm) is formed between the two inserts. After installation of the device into the pre-cut opening, the nuts of the compression plate are tightened to form an effective seal around the penetrating item. Firestop device secured in place with nom x mm diam by min 6-1/2 in. (165 mm) long steel screws within each preformed hole in device flange around periphery of opening and extending through full thickness of partition panel. Firestop device installed in accordance with the accompanying installation instructions.

ROXTEC INTERNATIONAL AB — Types RS-23, RS-25, RS-31, RS 43, RS-50, RS-68, RS-75, Types RS-23 ES, RS-25 ES, RS-31 ES, RS 43 ES, RS-50 ES, RS-68 ES, RS-75 ES. Types RS-23 PE, RS-25 PE, RS-31 PE, RS 43 PE, RS-50 PE, RS-68 PE, RS-75 PE and their corresponding sleeves SLFRS 23, SLFRS 25, SLFRS 31, SLFRS 43, SLFRS 50, SLFRS 68, SLFRS 75.

ROXTEC INC — Type ROX RS-50, ROX RS-68, ROX RS-75 and their corresponding sleeves SLFRS 50, SLFRS 68, SLFRS 75.

B. Fill, Void or Cavity Material* — Sealant — Nom 3/8 in. (10 mm) bead of fill material applied around the periphery of the firestop device sleeve flange at the interface with the steel skin of the partition panel. In addition, for L Rating, sealant shall be applied on the device sleeve flange to seal each screw head location.

See **Fill, Void or Cavity Material** (XHHW) category in the Fire Resistance Directory for the names of manufacturers. Any sealant or caulk material meeting the above specification and bearing the UL Classification Marking may be used.

*** 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 2020-11-18

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.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2020 UL LLC"