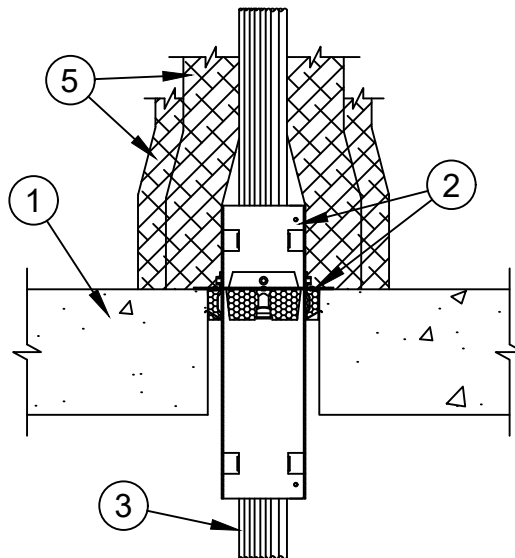




ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating - 2 Hr	F Rating - 2 Hr
T Rating - 2 Hr	FT Rating - 2 Hr
L Rating At Ambient - Less Than 1, 1.3, 1.8 or 4 CFM/Device Module (See Item 3)	FH Rating - 2 Hr
L Rating At 400 F - Less Than 1, 1.8 or 3 CFM/Device Module (See Item 3)	FTH Rating - 2 Hr
	L Rating At Ambient - Less Than 0.47, 0.61, 0.85 or 1.9 L/s/Device Module (See Item 3)
	L Rating At 204 C - Less Than 0.47, 0.85 or 1.42 L/s/Device Module (See Item 3)



- Floor Assembly** - Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Diam of opening to be 4 in. (102 mm).
- Firestop Device*** - One firestop device module centered within the opening. The firestop device module consists of a 3 by 3 by 10 1/2 in. (76 by 76 by 267 mm) long galv steel tube with an intumescent material lining. Firestop device module to be installed in conjunction with kick-in plate in accordance with the accompanying installation instructions. Kick-in plate consists of steel plate with vertical flanges on the top surface and with spring steel locking clips and intumescent foam wedges on the bottom surface. Kick-in plate secured to firestop device module with steel set screws in each of the four vertical flanges. Device with kick-in plate inserted into 4 in. (102 mm) diam core hole from top of floor and pushed into opening until bottom of plate is flush with the top surface of the floor to lock the device in position. The firestop device module is to be installed with its ends projecting an equal distance above and below the floor surfaces.

SPECIFIED TECHNOLOGIES INC - EZ PATH Series 33 Fire Rated Pathway



Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876

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3. **Cables** - Cables may represent a 0 to 100 percent visual fill within the loading area for the firestop device module. Cables to be rigidly supported on both sides of the floor assembly. Any combination of the following types of cables may be used:
- A. Max 400 pair No. 24 AWG (or smaller) copper conductor telecommunication cable with polyvinyl chloride (PVC) or plenum-rated jacketing and insulation.
 - B. Max 750 kcmil single copper conductor power cable with XLPE jacket and insulation
 - C. Max 7/C No. 12 AWG copper conductor control cable with PVC or XLPE jacket and insulation.
 - D. Max 3/C No. 2/0 AWG metal clad or armored cable with steel or aluminum jacket.
 - E. Max 3/C No. 8 AWG NM cable (Romex) with PVC insulation and jacket.
 - F. Max four pair No. 22 AWG (or smaller) copper conductor data cable with PVC or plenum rated jacketing and insulation.
 - G. Coaxial cable with fluorinated ethylene or PVC insulation and jacketing having a max diam of 5/8 in. (16 mm).
 - H. Optical fiber cable with PVC or polyethylene (PE) jacket and insulation and having a max diam of 5/8 in. (16 mm).

The L Rating for each empty firestop device module is less than 1 cfm (0.47 L/s) at ambient and at 400F (204 C). When Item 3A is used, the L Rating for each firestop device module with 100 percent visual cable fill is 4 cfm (1.9 L/s) at ambient and 3 cfm (1.42 L/s) at 400F (204 C). When Item 3F is used, the L Rating for each firestop device module with 100 percent visual cable fill is 1.3 cfm (0.61 L/s) at ambient and less than 1 cfm (0.47 L/s) at 400F (204 C). When Item 3G or 3H is used, the L Rating for each firestop device module with 100 percent visual cable fill is 1.8 cfm (0.85 L/s) at ambient and 1.8 cfm (0.85 L/s) at 400F (204 C).

4. **Firestop Device* - Extension Module** - (Optional, Not Shown) - Module attached to firestop device (Item 2) to increase its length. Each module consists of a 3 by 3 by 6 in. (76 by 76 by 152 mm) long galv steel tube with an intumescent material lining. Extension module to be installed in accordance with the accompanying installation instructions.

SPECIFIED TECHNOLOGIES INC - EZ PATH Extension

5. **Duct Wrap Material*** - Min 1-1/2 in. (38 mm) thick duct wrap tightly wrapped around grouped cables and pathway device to extend 36 in. (914 mm) above floor. An additional layer of nom 1 in. (25 mm) thick duct wrap tightly wrapped around the first layer of duct wrap to extend 12 in. (305 mm) above floor. All longitudinal seams of both layers of duct wrap are sealed with foil tape.

UNIFRAX I LLC - FyreWrap Elite 1.5 Duct Insulation

* 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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