



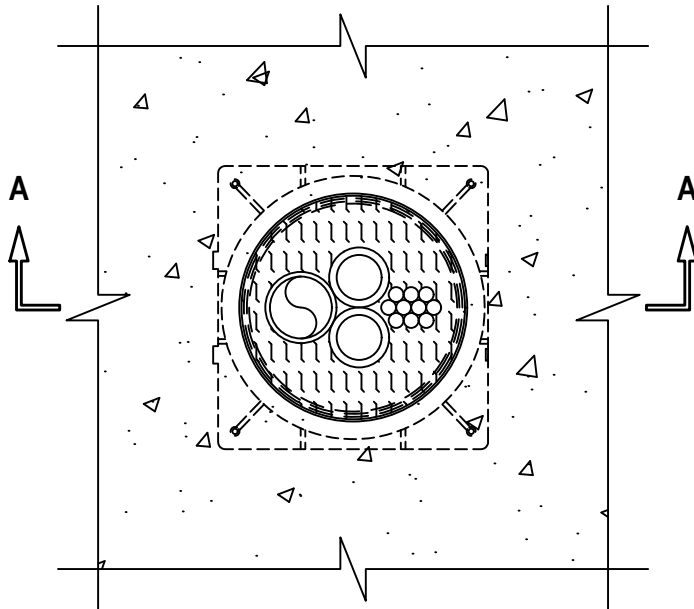
Classified by  
Underwriters Laboratories, Inc.  
to UL 1479 and CAN/ULC-S115

## System No. F-A-8069

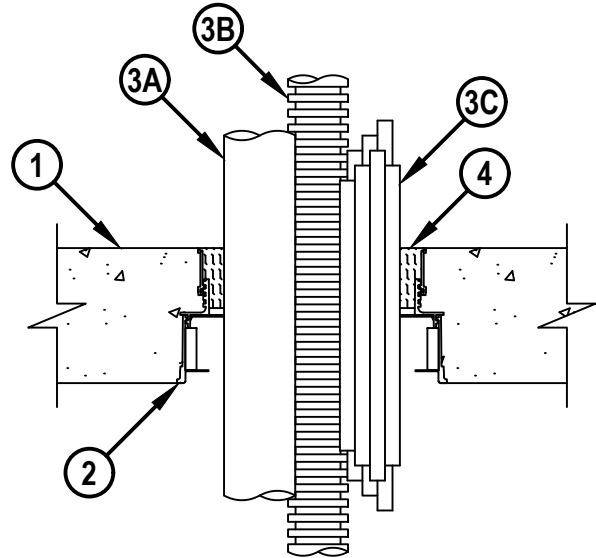
FA 8069

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating — 3 Hr	F Rating — 3 Hr
T Rating — 0 Hr	FT Rating — 0 Hr
	FH Rating — 3 Hr
	FTH Rating — 0 Hr

**TOP VIEW**



**SECTION A-A**



**Hilti Firestop Systems**

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March 15, 2024

1. Floor Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m<sup>3</sup>) concrete.
2. Firestop Device\* — Cast in place firestop device with optional accessories including sleeve extension permanently embedded during concrete placement or grouted in concrete floor assembly in accordance with accompanying installation instructions. Device is to be trimmed flush with the top surface of the floor.  
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CFS-CID U 2", CFS-CID U 2" CA, CFS-CID U 3", CFS-CID U 4", CFS-CID U 6"
3. Through Penetrants — Pipes, tubing or cable to be bundled within the device. The annular space between penetrants and the device is min 1/2 in. to max 2 in. (13 mm to max 51 mm). Penetrants to be rigidly supported on both sides of floor assembly. The following types and sizes of penetrants may be used.
  - 3A. Metallic Pipes — A max of one metallic pipe installed within the device:
    - A. Steel Pipe — Nom 2 in. (51 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
    - B. Iron Pipe — Nom 2 in. (51mm) diam (or smaller) cast or ductile iron pipe.
    - C. Conduit — Nom 2 in. (51 mm) diam (or smaller) steel electrical metallic tubing or 2 in. (51 mm) diam (or smaller) steel conduit.
  - 3B. Electrical Nonmetallic Tubing (ENT)+ — (Not Applicable to CAN/ULC S115) — A max of two nonmetallic pipe or conduit may be used. The following types and sizes of nonmetallic pipes or conduits may be used:
    - A. Nom 2 in (51mm) diam (or smaller) ENT
    - See Electrical Nonmetallic Tubing (FKHU) category in the Electrical Construction Materials Directory for names of manufacturers.
  - 3C. Cables — A 2 in. (51 mm) maximum diam cable bundle consisting of the following:
    - A. Maximum 7/C No. 12 AWG (or smaller) cable.
    - B. Maximum 25 pair No. 24 AWG telephone cable.
4. Packing Material — Min 2 in. (51 mm) thickness of min 4 pcf (64 kg/m<sup>3</sup>) mineral wool batt insulation firmly packed within top of device, in the annular space between the bundle of penetrants and the edge of the device such that it is flush with the top of device.

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

+Bearing the UL Listing Mark



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