



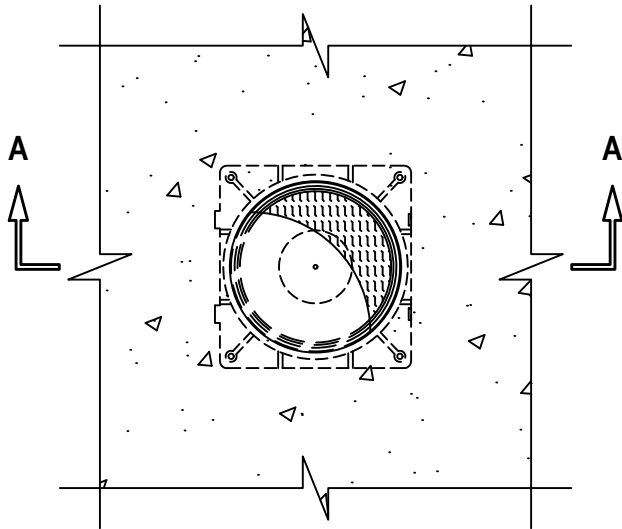
Classified by  
Underwriters Laboratories, Inc.  
to UL 1479 and CAN/ULC-S115

# System No. F-A-0049

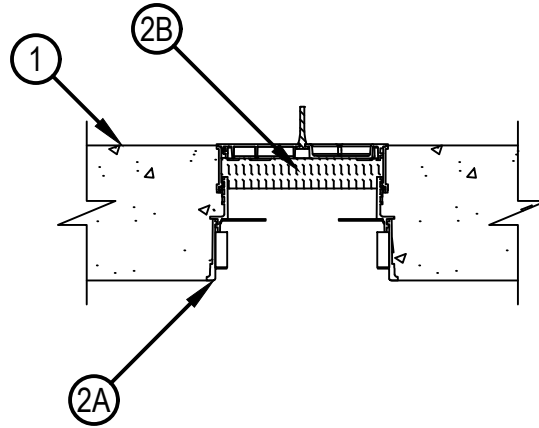
FA 0049

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

**TOP VIEW**



**SECTION A-A**



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 — The firestop system shall consist of the following:
  - A. Firestop Device\* — Cast in place firestop device with optional accessories including sleeve extensions permanently embedded during concrete placement or grouted in concrete assembly in accordance with accompanying installation instructions with a max 2 in. (51 mm) projection above the top surface of the floor. Firestop Device lid to remain threaded into top of device.  
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CFS-CID U 2", CFS-CID U 2" CA, CFS-CID U 3", CFS-CID U 4"
  - B. Packing Material — Prior to threading firestop device cap Min 1 in. (25 mm) thickness of min 4 pcf mineral wool batt insulation firmly packed within the top of device (Item 2A), such that it sits flush with bottom of device cap.

\* 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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