

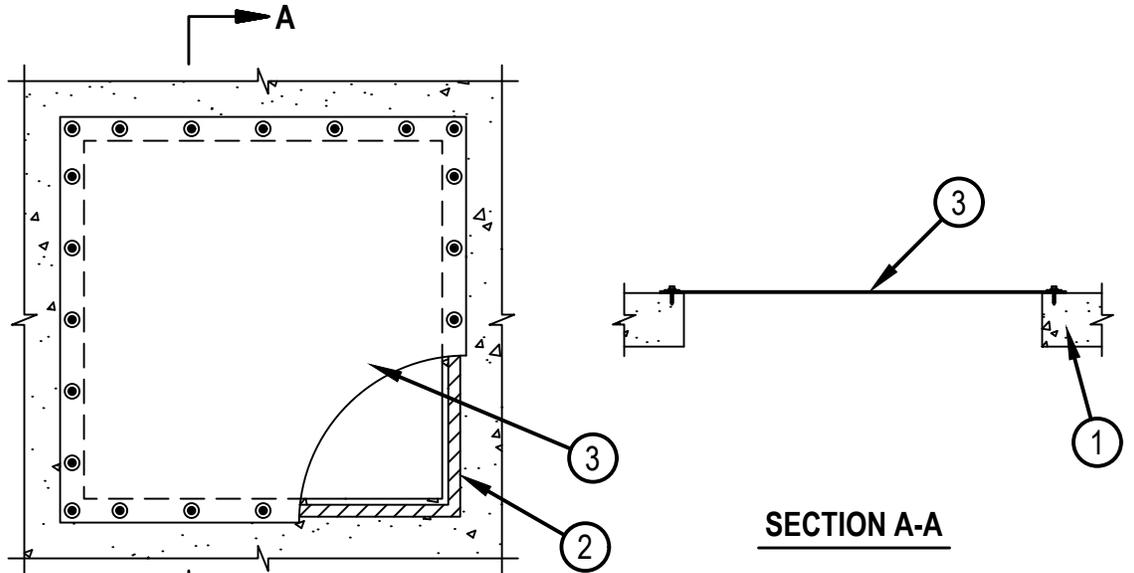


Classified by
Underwriters Laboratories, Inc.
to UL 1479 and CAN/ULC-S115

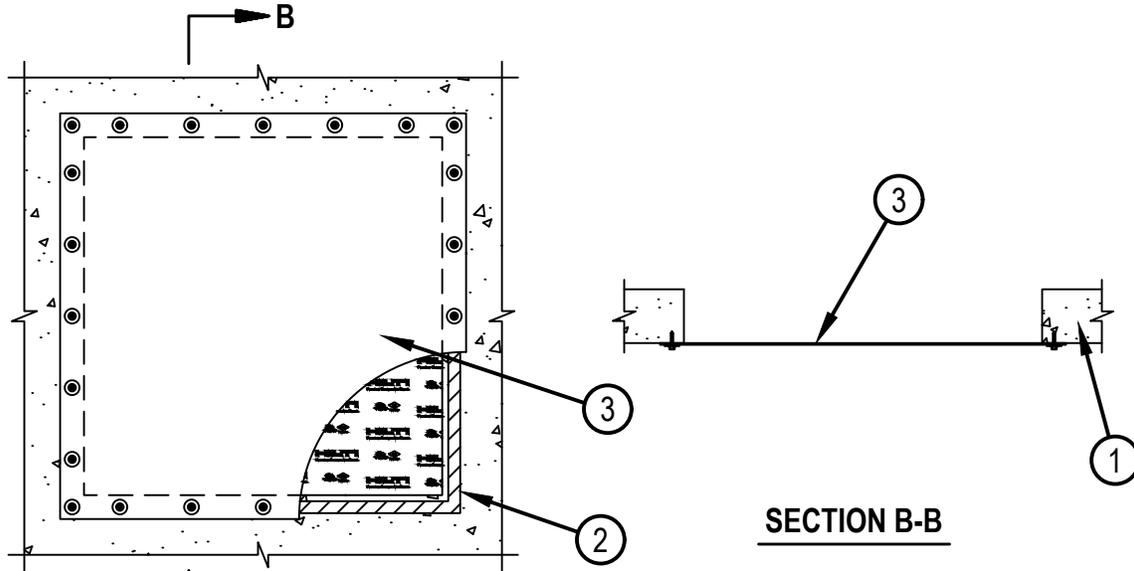
System No. C-AJ-0157

CAJ 0157

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating – 3 Hr	F Rating - 3 Hr
T Ratings – 0 and 1/2 Hr (See Item 3)	FT Ratings – 0 and 1/2 Hr (See Item 3)
L Rating At Ambient - Less Than 1 CFM/ sq ft	FH Rating – 3 Hr
L Rating At 400 F - Less Than 1 CFM/ sq ft	FTH Ratings – 0 and 1/2 Hr (See Item 3)
	L Rating At Ambient - Less Than 5.1 L/s/m ²
	L Rating At 400 F - Less Than 5.1 L/s/m ²



FIRESTOP CONFIGURATION A-A



FIRESTOP CONFIGURATION B-B



Hilti Firestop Systems

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June 8, 2023

System No. C-AJ-0157

CAJ 0157

1. Floor or Wall Assembly — Lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Min thickness of concrete floor or wall assembly to be 4-1/2 in. (114 mm). Wall may also be constructed of any UL Classified Concrete Blocks*. Max area of opening 1024 sq in. (6606.4 cm²) with max dimension of 32 in. (812mm).

See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.

The concrete blocks adjacent to the periphery of the opening to be solid blocks.

2. Fill, Void or Cavity Materials* — Sealant/Putty — One layer of 1 in. (25 mm) wide by 1/8 in. (3 mm) thick strip of putty or 1/2 in. (13 mm) diam bead of sealant applied under intumescent sheet around entire perimeter of through opening on surface of floor or wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 619T Firestop Putty Roll, FS-ONE MAX Intumescent Firestop Sealant

3. Fill, Void or Cavity Materials* — Composite Sheet — Rigid aluminum foil-faced intumescent sheet with steel backer. Sheets cut to lap a min of 2 in. (51 mm) on the floor or wall surfaces. Sheet installed on either the top surface (Firestop System Configuration A-A) or bottom surface (Firestop System Configuration B-B) of floor or either surface of wall. Sheet to be installed with the steel backer exposed (aluminum foil facing against floor or wall surface) and secured to floor or wall surface with min 3/16 in. (4.8 mm) diam by 1-1/4 in. (32 mm) long steel anchor screws, in conjunction with min 1-1/4 in. (32 mm) diam steel fender washers. Max spacing of fasteners not to exceed 6 in. (152 mm) on center and max 2 in. (51 mm) from ends.

The T, FT and FTH Ratings of the firestop system are dependent upon the type assembly and location of the composite sheet within the opening.

Type of Assembly	Location of Composite Sheet	T, FT and FTH Ratings
Floor	Top	1/2
Floor	Bottom	0
Wall	Either Side of Wall	0

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CFS-COS Firestop Composite Sheet

* 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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