

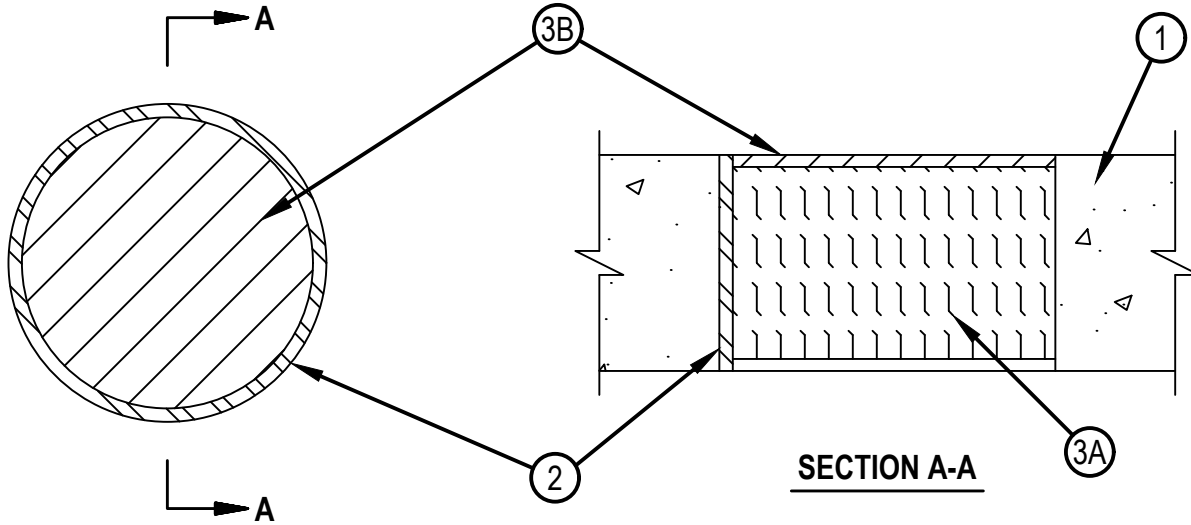


Classified by
Underwriters Laboratories, Inc.
to UL 1479 and CAN/ULC-S115

System No. C-AJ-0090

CAJ 0090

ANSI/ UL1479 (ASTM E814)	CAN/ULC S115
F Rating - 2hr	F Rating - 2 Hr
T Rating - 1-1/2 Hr	FT Rating - 1-1/2 Hr
	FH Rating - 2 Hr
	FTH Rating - 1-1/2 Hr



1. Floor or Wall Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diameter of opening is 6 in. (152 mm).
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Steel Sleeve — (Optional)-Nom 6 in. (152 mm) diameter (or smaller) Schedule 40 (or heavier) steel pipe cast or grouted into the floor or wall assembly, flush with floor or wall surfaces.
3. Firestop System — The firestop system shall consist of the following:
 - A. Packing Material — Min 4 in. (102 mm) thickness of 4 pcf (64 kg/m³) mineral wool batt insulation tightly packed into the opening as a permanent form. Packing material to be recessed from top surface of floor and both surfaces of wall to accommodate the required thickness of fill material.
 - B. Fill, Void or Cavity Materials* — Sealant — Min 1/4 in. (6 mm) thickness of fill material applied within the annulus, flush with top surface of floor or both surfaces of wall.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or FS-ONE MAX Intumescent Sealant

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



Hilti Firestop Systems

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