



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

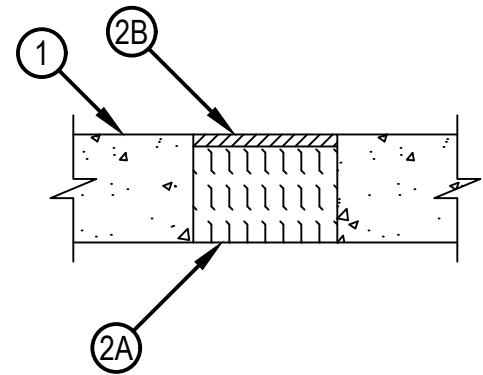
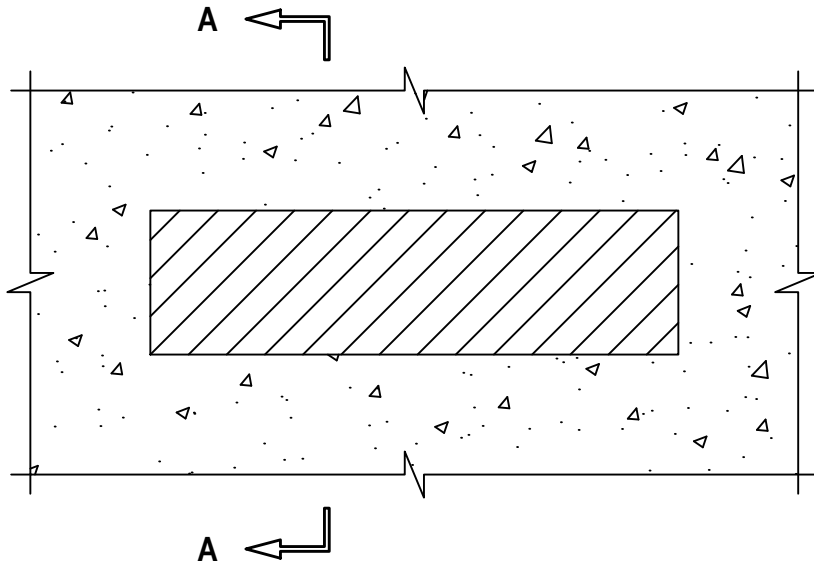
System No. C-AJ-0183

CAJ 0183

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

TOP VIEW

SECTION A-A



System tested with a pressure differential of 2.5 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

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 floor. Min 5 in. (127 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete wall. Wall may also be constructed of any UL Classified Concrete Blocks*. Max area of square, rectangular circular opening is 160 in². (1,032 cm²) with a max dimension of 5 in. (127 mm) short span and 32 in. (1219 mm) long span. For circular openings a max diam of 5 in. (127 mm).
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Firestop System — The firestop system shall consist of the following:
3. 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 as required to accommodate the required thickness of fill material.
4. Fill, Void or Cavity Material* — Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall assembly.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — 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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