# System No. C-AJ-0155

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating - 2 and 4 Hr (See Item 3)	F Rating - 2 and 4 Hr (See Item 3)
T Rating - 1/2 and 3/4 Hr (See Item 3)	FT Rating - 1/2 and 3/4 Hr (See Item 3)
	FH Rating - 2 and 4 Hr (See Item 3)
	FTH Rating - 1/2 and 3/4 Hr (See Item 3)
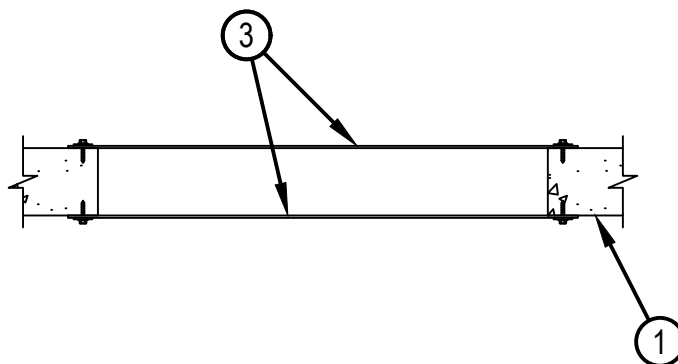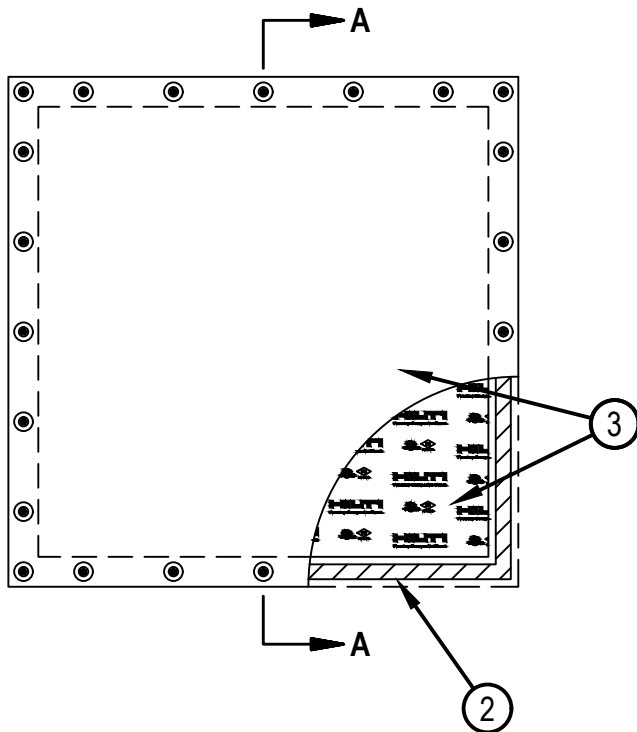
SECTION A-A

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 900 sq in. (5806 cm2) with max dimension of 30 in. (762 mm).
   See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.

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. When sheet is installed on both sides of the floor or wall assembly, F Rating is 4 hr and T Rating is 3/4 hr. As an option, the sheet may be installed on only the top surface of the floor to attain a 2 hr F Rating and 1/2 hr T Rating. 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.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — Hilti 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.