



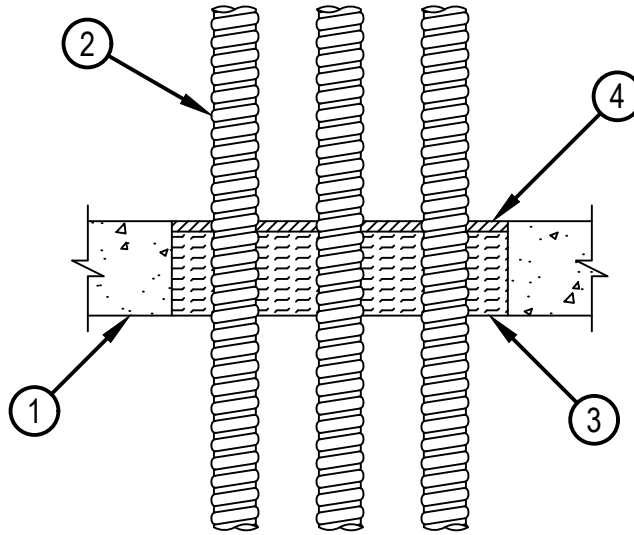
Classified by
Underwriters Laboratories, Inc.
to CAN/ULC-S115

System No. C-AJ-3007

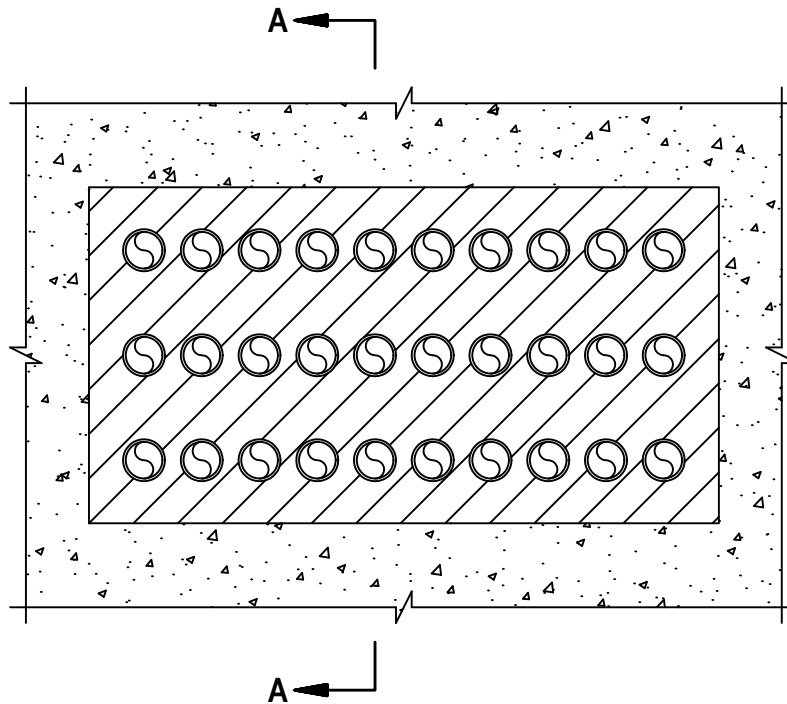
F Rating — 2 Hr
FT Rating — 0 Hr
FH Rating — 0 Hr
FTH Rating — 0 Hr



CAJ 3007



SECTION A-A



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June 24, 2016

System No. C-AJ-3007



CAJ 3007

1. Floor or Wall Assembly — Min 114 mm (4-1/2 in.) thick reinforced lightweight or normal weight 1600-2400 kg/cu m (100-150 pcf) concrete floor or min 127 mm (5 in. thick) reinforced lightweight or normal weight concrete wall. Wall may also be constructed of any UL Classified Concrete Blocks*. Max area of opening 3073 sq cm (480 sq in.) with max dimension of 762 mm (30 in.).

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

2. Cables — Max 30 nom 50 mm (2 in.) diam (or smaller) metal clad TEK cables with polyvinyl chloride (PVC) jacket. The total number of through-penetrants is dependent on the size of the opening. The separation between cables shall be a min 25mm (1 in.) to max 100 mm (4 in.). The annular space between penetrants and the periphery of opening shall be a min 13 mm (1/2 in.) to a max 127 mm (5 in.). Cables to be rigidly supported on both sides of floor or wall assembly.

3. Firestop System — The firestop system shall consist of the following:

A. Packing Material — Min 100 mm (4 in.) thickness of min 64 kg/cu m (4 pcf) mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or both surfaces of wall to accommodate the required thickness of fill material.

B. Fill Void or Cavity Materials* — Sealant — Min 13 mm (1/2 in.) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant, FS-ONE MAX Intumescent Sealant, CFS-S SIL GG or CFS-S SIL SL (floors only) 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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