



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

System No. C-AJ-2098

F Rating — 3 Hr

FT Rating — 2-3/4 Hr

FH — 3 Hr

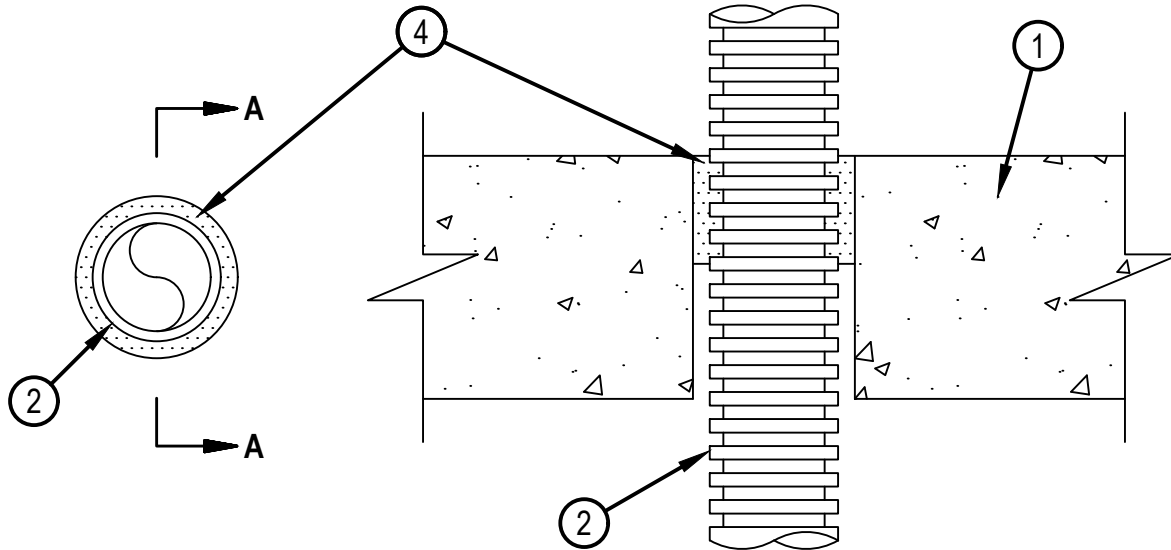
FTH — 2-3/4 Hr

L Rating At Ambient — Less Than 5.1 L/s/m³

L Rating At 204°C — 20.6 L/s/m³



CAJ 2098



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 — Floor or Wall Assembly — Min 114 mm (4-1/2 in.) thick reinforced lightweight or normal weight 1600-2400 kg/m³ or 100-150 pcf) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 89 mm (3-1/2 in.)
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Electrical Nonmetallic Tubing* — Nom 51 mm (2 in.) diam (or smaller) corrugated wall ENT constructed of polyvinyl chloride (PVC). One tube to be centered within the firestop system. A nom annular space of 14 mm (9/16 in) is required within the firestop system. Tube to be rigidly supported on both sides of floor or wall assembly.
See Electrical Nonmetallic Tubing (FKHU) category in the Electrical Construction Materials Directory for names of manufacturers.
3. Packing Material — (Not Shown-Optional) — Mineral wool insulation firmly packed into opening as a temporary form. Packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of fill material. In floors form may be removed after fill material has cured.
4. Fill, Void or Cavity Material* — Sealant — Min 51 mm (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 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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