



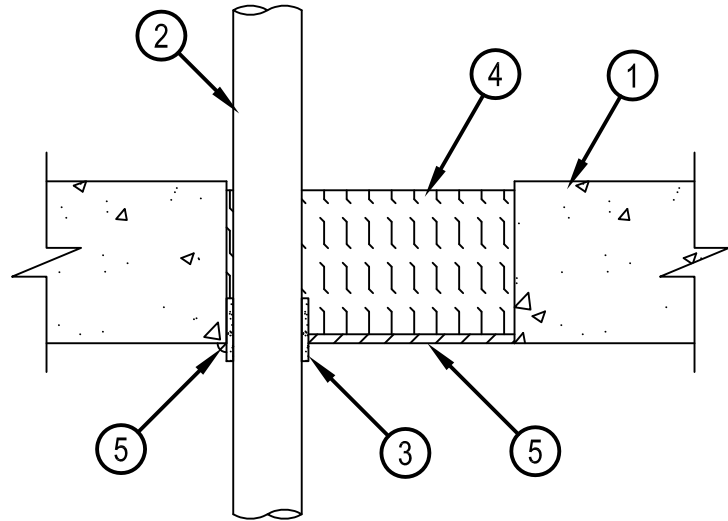
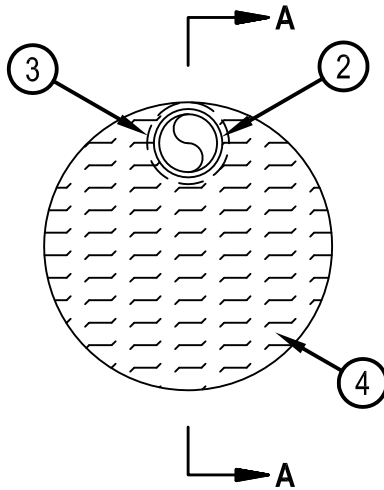
Classified by
Underwriters Laboratories, Inc.
to CAN/ULC-S115

System No. F-A-2034

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



FA 2034



SECTION A-A

System tested with a pressure differential of 50 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

1. Floor Assembly — Min 114 mm (4-1/2 in.) thick reinforced lightweight or normal weight (1600-2400 kg/m³ or 100-150 pcf) concrete. Max diam of floor opening is 203 mm (8 in.).
2. XFR Polyvinyl Chloride (PVC) Pipe — Nom 38 mm (1-1/2 in.) diam (or smaller), Schedule 40 XFR pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system. One pipe to be installed either concentrically or eccentrically within the firestop system. The annular space between pipe and sleeve (Item 2) shall be min 4.8 mm (3/16 in.) to max 149 mm (5-7/8 in.). Pipe to be rigidly supported on both sides of floor assembly.
3. Fill, Void or Cavity Material* — Wrap Strip — Nom 4.8 mm (3/16 in.) thick by 45 mm (1-3/4 in.) wide intumescent wrap strip. Single layer of wrap strip to be wrapped around pipe with butted seam secured with tape. The bottom edge of the wrap strip shall be positioned 13 mm (1/2 in.) below the bottom surface of the floor.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP648-E W45/1-3/4" Wrap Strip
4. Packing Material — Min 102 mm (4 in.) thickness of min 64 kg/m³ (4 pcf) mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from bottom surface of floor to accommodate the required thickness of fill material.
5. Fill, Void or Cavity Material* — Sealant — Min 6 mm (1/4 in.) thickness of fill material applied within the annulus, flush with the bottom surface of floor. A min 6 mm (1/4 in.) diam bead of fill material shall be applied at the concrete/wrap strip interface on the bottom surface of floor.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP601S Sealant or CFS-S SIL GG Sealant

*Bearing the UL Classification Mark



Hilti Firestop Systems

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