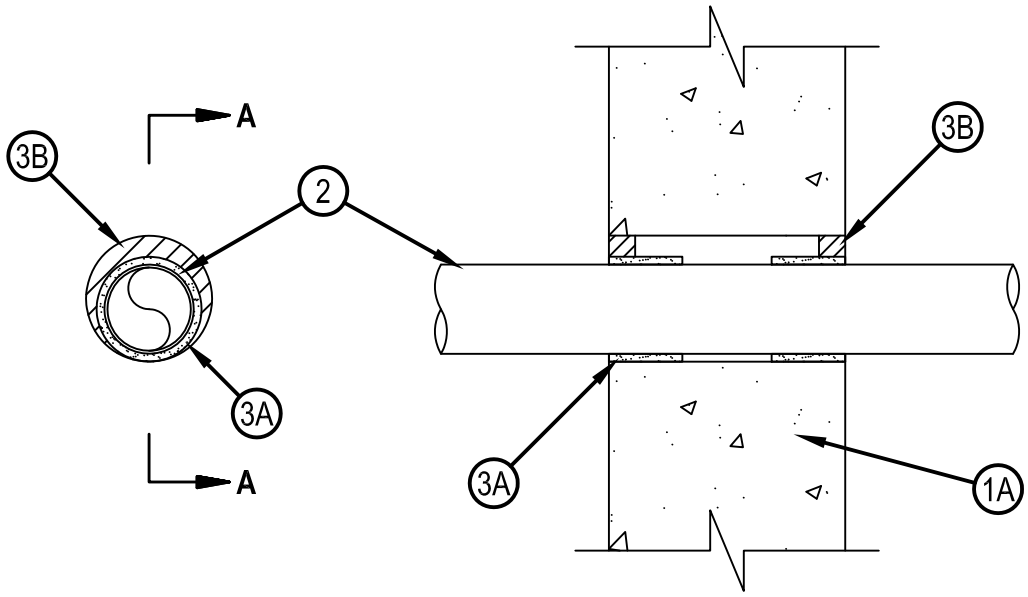
Classified by
Underwriters Laboratories, Inc.
to CAN/ULC-S115

System No. W-J-2027

F Rating — 2 Hr
FT Rating — 1/4 Hr
FH Rating — 0 Hr
FTH Rating — 0 Hr

CANADA ONLY

WJ 2027



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. Wall Assembly — Min 143 mm (5-5/8 in.) thick reinforced lightweight or normal weight concrete (1600-2400 kg/m3 or 100-150 pcf). Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 76 mm (3 in.).
   See Concrete Blocks (CAZT) category in Fire Resistance Directory for names of manufacturers.
2. Cross Linked Polyethylene (PEX) Tubing — Nom 51 mm diam (or smaller) SDR9 PEX tubing for use in closed (process or supply) piping systems. One tube to be installed within the firestop system. Tube to be rigidly supported on both sides of wall assembly. The annular space shall be min 4.8 mm (3/16 in.) to max 19 mm (3/4 in.).
3. Firestop System — The firestop system shall consist of the following:
   A. Fill, Void or Cavity Material* - Wrap Strip — Nom 4.8 mm (3/16 in.) by 46 mm (1-3/4 in.) wide intumescent wrap strip. Single layer of wrap strip wrapped around the through penetrant with the ends butted and held in place by means of tape. The wrap strip is slid along the through penetrant into annulus such that end is flush with wall surface. Wrap strip installed on each side of wall.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 648E Wrap Strip
   B. Fill, Void or Cavity Material* - Sealant — Min 16 mm (5/8 in.) depth of sealant shall be installed in the annular space between the wrap strip and the edge of the opening flush with each surface of the wall.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or 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.