



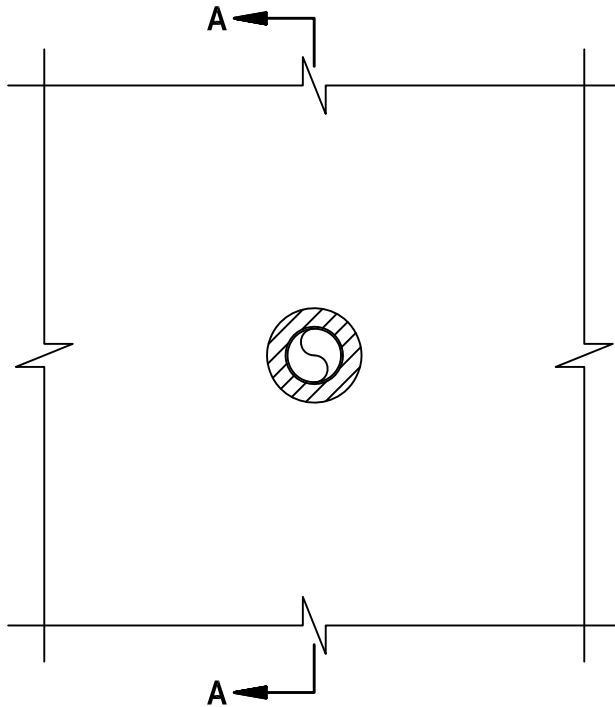
Classified by
Underwriters Laboratories, Inc.
to CAN/ULC-S115

System No. W-J-2031
F Rating - 1 and 2 Hr (See Item 3)
FH, FT and FTH Ratings - 0 Hr

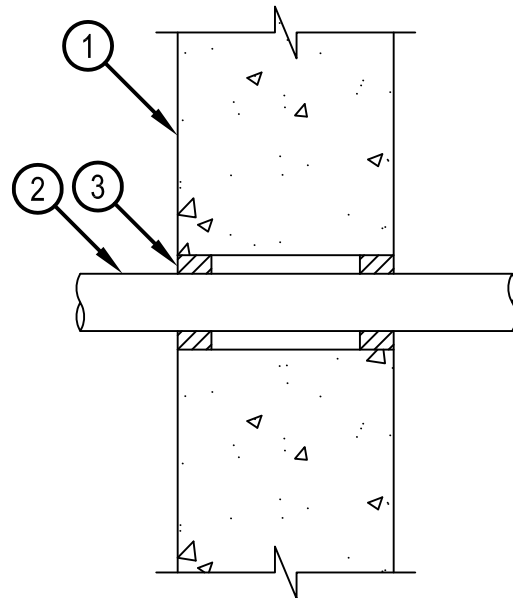


WJ 2031

FRONT VIEW



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. Wall Assembly — Min 150 mm (6 in.) thick reinforced lightweight or normal weight (1600 - 2400 kg/cu meter, 100 - 150 pcf) concrete wall assembly. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening 89 mm (3-1/2 in.).
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Cross-Linked Polyethylene (PEX) Tubing — Nom 51 mm (2 in.) diam (or smaller) SDR 9 PEX tubing. One nonmetallic pipe to be installed concentrically or eccentrically within the firestop system. Annular space between pipe and periphery of opening to be min 0 mm, Annular space between pipe and periphery of opening to be min 6 mm (1/4 in.), to max 22 mm (7/8 in.).
3. Fill, Void or Cavity Material* — Sealant - Minimum 16 mm (5/8 in.), and 32 mm (1-1/4 in.) thickness of fill material applied within the annulus, flush with both surfaces of wall assembly for the 1 h, and 2 h rated walls, respectively.
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.



Hilti Firestop Systems

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