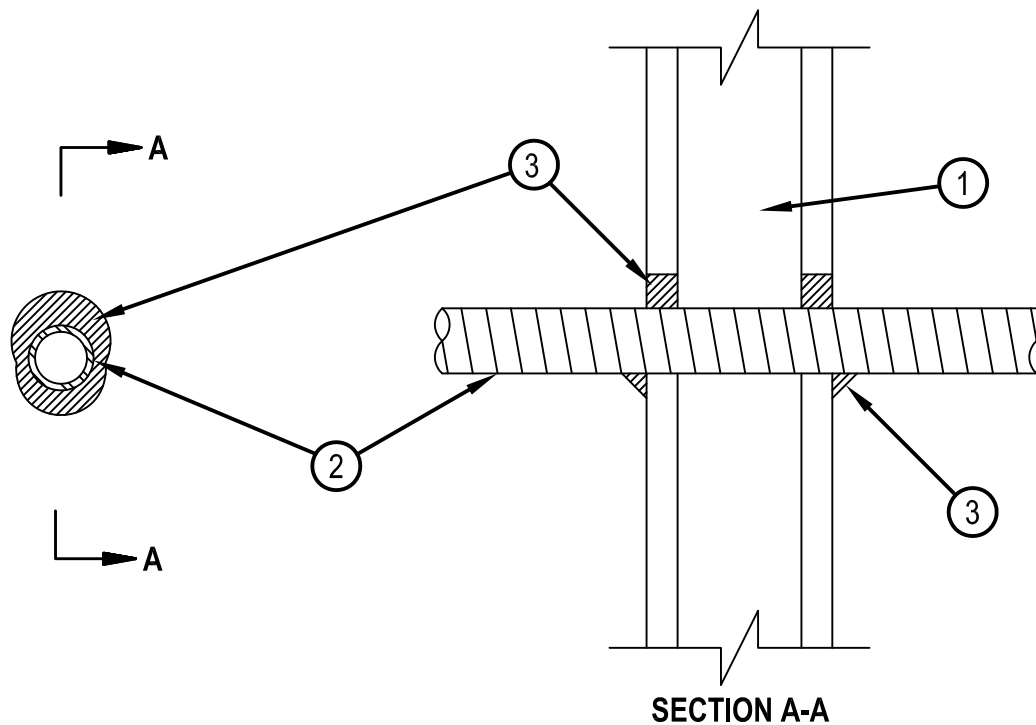


# System No. W-L-1214



Classified by  
Underwriters Laboratories, Inc.  
to UL 1479 and CAN/ULC-S115

| ANSI/UL1479 (ASTM E814) | CAN/ULC S115      |
|-------------------------|-------------------|
| F Rating — 1 Hr         | F Rating — 1 Hr   |
| T Rating — 0 Hr         | FT Rating — 0 Hr  |
|                         | FH Rating — 1 Hr  |
|                         | FTH Rating — 0 Hr |



- Wall Assembly** — The fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified if the individual U300, U400, V400 or W400 Series Wall and Partition Designs in the Fire Resistance Directory and shall include the following construction features:
    - Studs** — Wall framing shall consist of either wood studs or channel shaped steel studs. Wood studs to consist of 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide, fabricated from min 25 MSG galvanized steel, spaced max 24 in. (610 mm) OC.
    - Wallboard, Gypsum\*** — One layer of nom 5/8 in. (16 mm) gypsum wallboard, as specified in the individual Wall and Partition Design. Max diam of opening is 2 in. (51 mm).
  - Through Penetrants — Flexible Steel Conduit+** — Nom 1 in. (25 mm) diam (or smaller) flexible steel conduit. Max one conduit to be installed either concentrically or eccentrically within the firestop system. The annular space between pipe and periphery of opening shall be min 0 in. (0 mm, point contact) to max 3/4 in. (19 mm). Conduit to be rigidly supported on both sides of floor or wall assembly. See Flexible Metal Conduit (DXUZ) category in the Electrical Construction Materials Directory for names of manufacturers.
  - Fill, Void or Cavity Material\* — Sealant** — Min 5/8 in. (16 mm) thickness of fill material applied within annulus flush with both surfaces of wall. At point contact location between conduit and wall, a min 1/2 in. (13 mm) bead of fill material shall be applied at the conduit/wallboard interface on both side of wall.  
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or FS-ONE MAX Intumescent Sealant
- +Bearing the UL Listing Mark  
\* 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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