



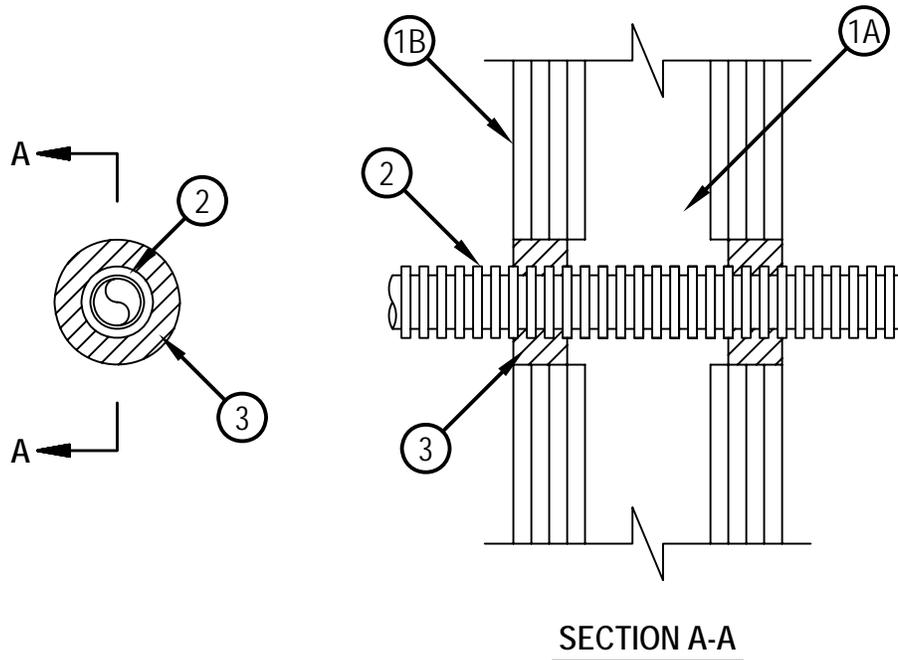
Classified by
Underwriters Laboratories, Inc.
to UL 1479

System No. W-L-2443

F Ratings -- 3 and 4 Hr (See Item 1)

T Ratings -- 3 and 4 Hr (See Item 1)

WL 2443



1. Wall Assembly -- The 3 and 4 hr fire rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U400 or V400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs -- Wall framing shall consist of min 3-1/2 in. (89 mm) wide channel steel studs spaced max 24 in. (610 mm) OC.

B. Gypsum Board* -- Min 1/2 in. (13 mm) thick, 4 ft (1.22 m) wide with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U400 or V400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 3-1/2 in. (89 mm).

The hourly F and T Ratings of the firestop system are equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through Penetrant -- Nom 2 in. (51 mm) diam (or smaller) Electrical Nonmetallic Tubing+ formed from polyvinyl chloride (PVC) and installed in accordance with Article 331 of the National Electrical Code (NFPA No. 70). One tubing to be installed either concentrically or eccentrically within the firestop system. The annular space within the firestop system shall be min 1/4 in. (6 mm) to max 3/4 in. (19 mm). Tubing to be rigidly supported on both sides of wall.

See Electrical Nonmetallic Tubing (FKHU) category in the Electrical Construction Materials Directory for names of manufacturers.

3. Fill, Void or Cavity Material* - Sealant -- Min 1-1/2 in. (38 mm) thickness of fill material applied within annulus, flush with both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- CP 618 Firestop Putty Stick

*Bearing the UL Classification Mark

+ Bearing the UL Listing Mark



Hilti Firestop Systems

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