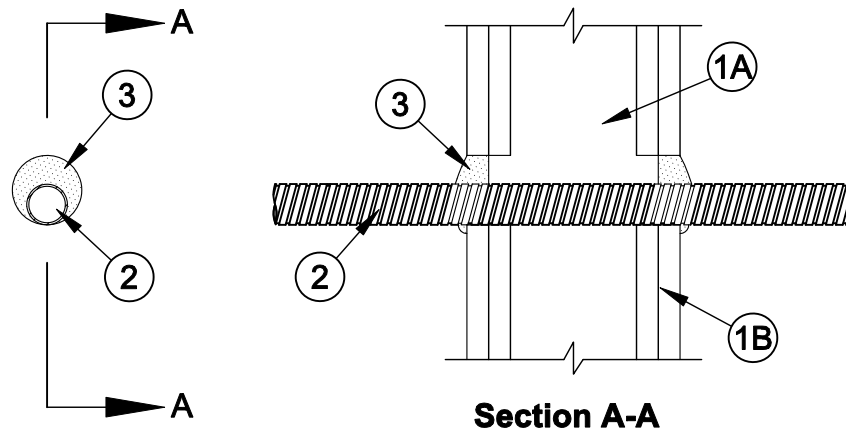




System No. W-L-3100

F Ratings - 1 and 2 Hr (See Item 1)

T Ratings - 1/2 and 3/4 Hr (See Item 3)



1. **Wall Assembly** - The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300, U400 or V400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

- A. **Studs** - Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC with nom 2 by 4 in. (51 by 102 mm) lumber end plates and cross braces. Steel studs to be min 3-5/8 1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC.
- B. **Gypsum Board*** - 5/8 in. (16 mm) thick, 4 ft (1.2 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 U300, U400 or V400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 2 in. (51 mm).

The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. **Through Penetrating Product*** - Max three copper conductor No. 4 AWG (or smaller) aluminum or steel **Armored Cable+** or **Metal-Clad Cable+**. Max one armored cable or metal-clad cable to be installed either concentrically or eccentrically within the firestop system. The annular space between the through-penetrating product and the periphery of the opening shall be a min 0 in. (point contact) to max 13/16 in. (21 mm). Through-penetrating product to be rigidly supported on both sides of wall assembly.

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3. **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 the point contact location between through penetrating product and gypsum wallboard, a min 3/8 in. (10 mm) diam bead of fill material shall be applied at the gypsum wallboard/through penetrating product interface on both surfaces of wall.

The T Rating of the firestop system is dependent on the type of fill material used within the firestop system as tabulated below:

Fill Matl Type	T Rating, Hr
SpecSeal 100, 101, 102 or 105 Sealant	3/4
SpecSeal LC 150 Sealant or SpecSeal LE600 Sealant	1/2

SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant, SpecSeal LC 150 Sealant, SpecSeal LE600 Sealant

+Bearing the UL Listing Mark

*Bearing the UL Classification Mark



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W-L-3100
PAGE 1 OF 1