



XHEZC.SP985 Firestop Systems

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Firestop Systems

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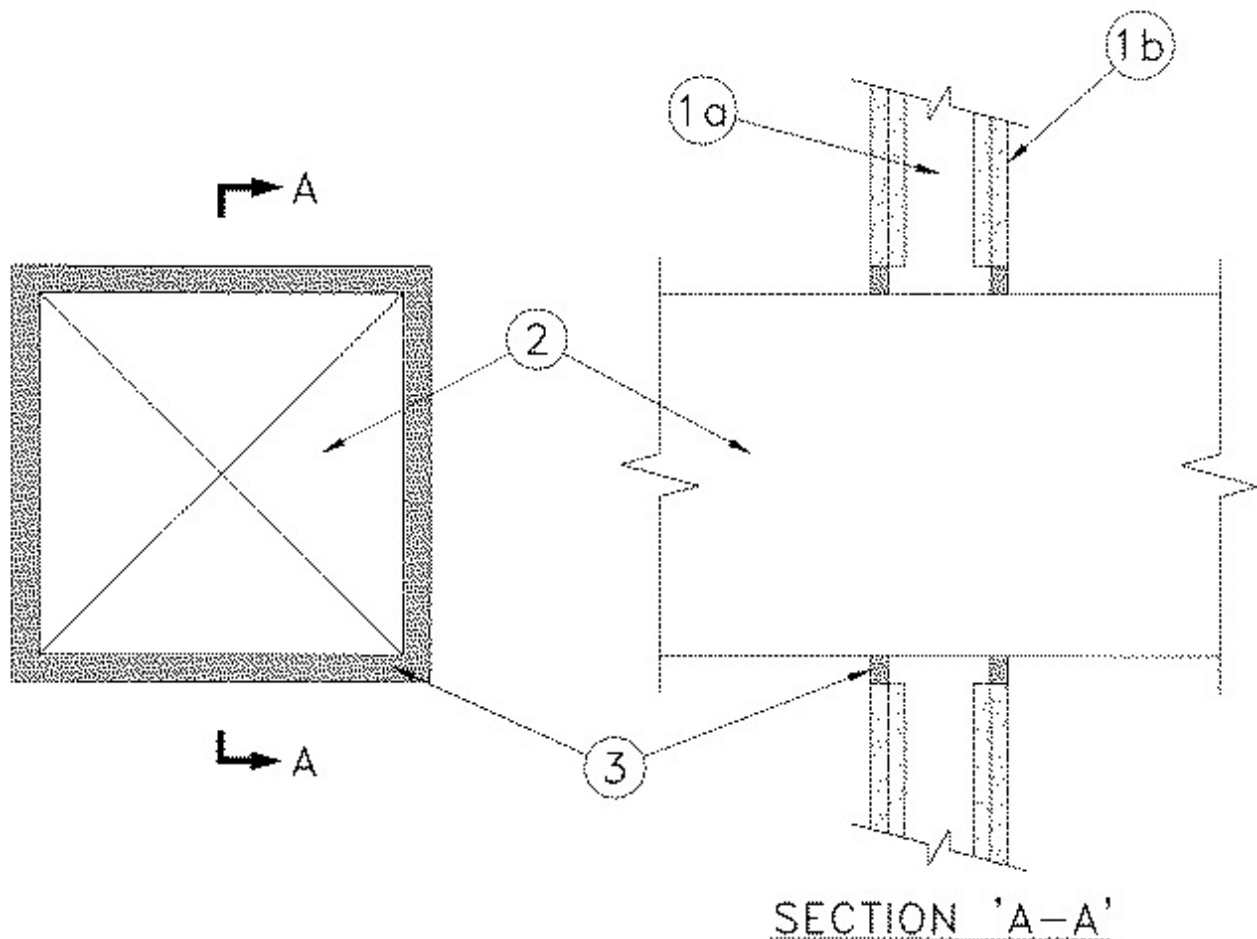
System No. SP985

May 20, 2004

(For Vertical Separations)

F Rating — 1 and 2 h (See item 1)

FT, FH and FTH Rating — 0 h



1. Wall Assembly — The 1 or 2 h fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual Wall or Partition designs in the Underwriters' Laboratories of Canada List of Equipment and Materials 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 nominal 50 mm by 102 mm lumber spaced 405 mm OC. Steel studs to be minimum 92 mm wide and spaced maximum 600 mm OC.

(b) **Wallboard, Gypsum** — Nominal 16 mm thick, 1220 mm wide, with square or tapered edges. The gypsum wallboard type, number of layers, fastener type and sheet orientation shall be as specified in the individual wall or partition design. Maximum size of opening in wallboard layers is 356 mm by 356 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. **Duct** — Maximum 305 mm by 305 mm galvanized steel duct, 0.71 mm in thickness. Maximum separation of 25 mm between duct and periphery of opening. Duct to be rigidly supported on both sides of the wall.

■ 3. **Firestop System Components** — (XHJZC). Type "A/D FIREBARRIER Silicone Sealant" installed to fill the annular space to a depth of 16 mm representing the thickness of the outside layer of gypsum wallboard in a 2 h rated wall and the total thickness of the gypsum wallboard in a 1 h rated wall.

A/D FIRE PROTECTION SYSTEMS INC

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