



XHEZC.SP221 Firestop Systems

[Page Bottom](#)

Firestop Systems

[See General Information for Firestop Systems](#)

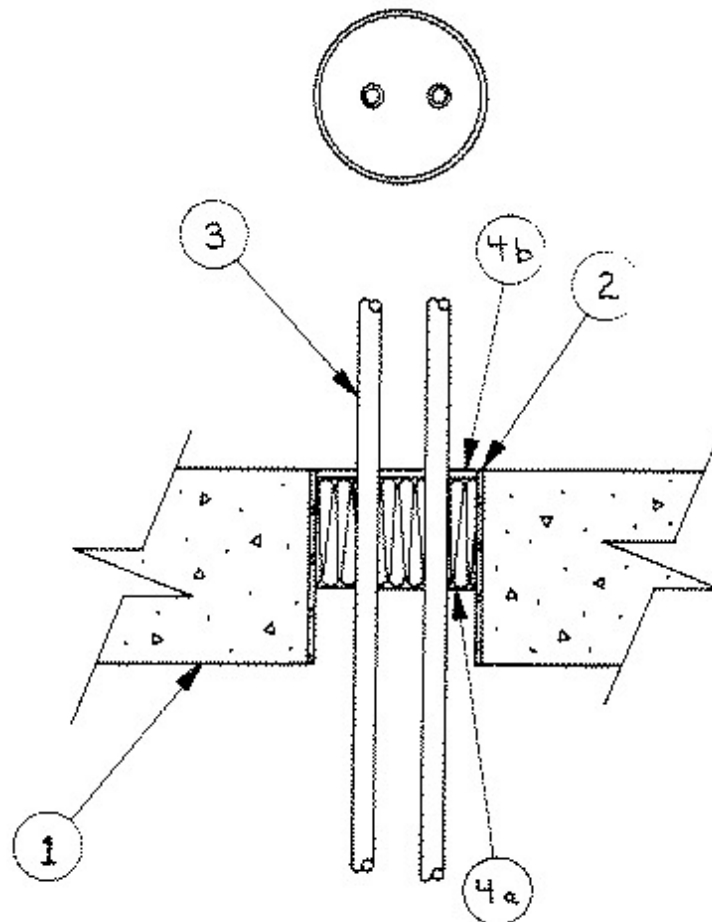
System No. SP221

August 01, 2005

(For Horizontal or Vertical Separations)

F and FH Rating - 3 h

FT and FTH Ratings - 0 & 3 h (See Item 3)



1. **Floor or Wall Assembly** — Normal-density concrete, minimum 178 mm thick. Maximum size of opening 227 mm diameter.

2. **PVC Sleeve** — (optional) - 227 mm diameter, 12 mm diameter wall thickness cast or grouted into floor or wall assembly flush with floor or wall surfaces.

3. **Copper Pipes** — 13.9 mm OD, 13 mm ID copper pipes placed into opening in floor or wall assembly to allow a minimum clearance of 70 mm between pipes and edge of opening or a minimum 36 mm clearance between pipes. When no pipes penetrate assembly, FT and FTH Ratings are 3 h.

	Ratings, h

Type of Penetrating Item	F and FH	FT and FTH
None	3	3
Copper pipe(s) (Item 3)	3	0

■ **4. Firestop System Components — (XHJZC).**

(a). Type "A/D FIREBARRIER Mineral Wool" to be compressed 33% (minimum) between pipes and perimeter of opening, minimum depth of 100 mm. A minimum 5 mm deep space to be left above mineral wool for seal (Item 4b).

(b). For horizontal separations, Type "A/D FIREBARRIER Seal" applied over mineral wool (Item 4a) to a minimum wet depth of 5 mm, or Type "A/D FIREBARRIER Silicone Sealant SL" to a minimum depth of 6.4 mm.

For vertical separations, Type "A/D FIREBARRIER Seal NS" applied over mineral wool (Item 4a) to a minimum wet depth of 5 mm, or Type "A/D FIREBARRIER Silicone Sealant" to a depth of 6.4 mm, symmetrically to both sides of the assembly.

A/D FIRE PROTECTION SYSTEMS INC

Last Updated on 2005-08-01

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

Copyright © 2016 Underwriters Laboratories of Canada Inc.

When the UL Leaf Mark is on the product, or when the word "Environment" is included in the UL Mark, please search the [UL Environment database](#) for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under ULC's Follow-Up Service. Only those products bearing the ULC Mark should be considered to be Listed and covered under ULC's Follow-Up Service. Always look for the Mark on the product.

ULC permits the reproduction of the material contained in the ULC Online Directories subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the ULC Online Directories with permission from Underwriters Laboratories of Canada Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2016 Underwriters Laboratories of Canada Inc."

An independent organization working for a safer world with integrity, precision and knowledge.

