



XHEZC.SP765 Firestop Systems

[Page Bottom](#)

Firestop Systems

[See General Information for Firestop Systems](#)

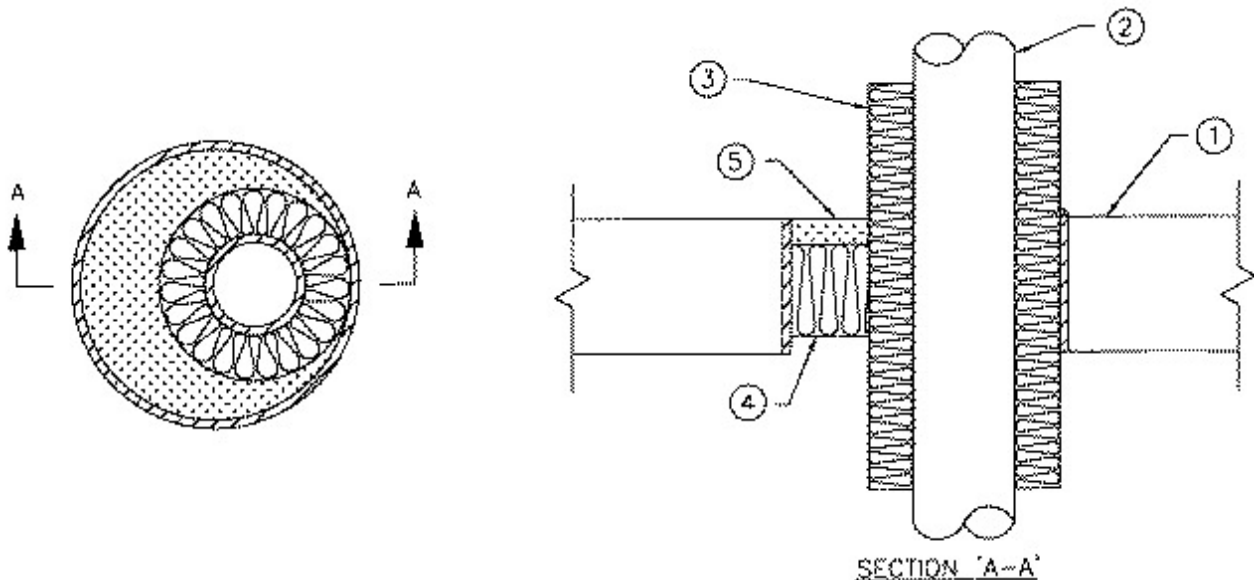
System No. SP765

October 04, 2005

(For Horizontal or Vertical Separations)

F and FH Ratings - 2 h

FT and FTH Ratings - 1-1/2 h



1. **Floor or Wall Assembly** — Minimum 115 mm thick reinforced concrete floor or wall of normal-density concrete. Floor may also be constructed of minimum 152 mm thick hollow-core precast concrete units having a fire resistance rating equal to or greater than that of the firestop system. Wall may also be constructed of nominal 200 mm thick concrete block laid up with mortar. Maximum size of opening is 216 mm diameter. When precast concrete units are used, maximum diameter of opening is 178 mm.

2. **Pipe** — Nominal 100 mm OD (or smaller), Schedule 40 (or heavier) steel pipe, or cast or ductile iron pipe, nominal 100 mm OD, reliably supported on both sides of opening. Pipe to be wrapped with Pipe Insulation (Item 3) and installed such that the annular space is 0 (point contact) to 64 mm maximum.

3. **Pipe Insulation** — Pipe to be wrapped with nominal 19 mm thick, nominal 64 kg/m³ density, ULC labelled fibreglass pipe insulation jacketed on the outside with an all service jacket. Longitudinal joints sealed with factory-applied, self-sealing lap tape. Transverse joints secured with butt strip tape supplied with the product.

4. **Batts and Blankets** — Mineral wool insulation, Type "A/D FIREBARRIER Mineral Wool", compressed 33% and installed within the opening to a minimum depth of 50 mm recessed 25 mm from top surface of floor or both sides of wall.

A/D FIRE PROTECTION SYSTEMS INC

5. **Firestop System Components** — (XHJZC). Type "A/D FIREBARRIER Mortar" installed as per manufacturer's installation instructions and trowelled into the opening on top of mineral wool insulation to a minimum depth of 25 mm

flush with the top surface of floor or both sides of wall. In floors constructed of hollow-core precast concrete units, mortar installed symmetrically on both sides of floor.

A/D FIRE PROTECTION SYSTEMS INC

6. **Pipe Sleeve** — (optional) - Nominal 200 mm OD, Schedule 40 (or heavier) steel pipe sleeve cast or grouted into floor or wall assembly flush with floor or wall surfaces.

Last Updated on 2005-10-04

[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.

