

Pressure Differential: Positive, 50 Pa (0.20 in. w.g.)

TABLE 1. RATINGS

		CAN/ULC-S115			
Penetrating Item	Max. Pipe Diameter	F	FT	FH	FTH
PVC	4 in.	2 Hr	2 Hr	2 Hr	2 Hr r
System XFR	6 in.	2 Hr	2 Hr	2 Hr	2 Hr
RNC - PVC	4 in.	2 Hr	2 Hr	2 Hr	2 Hr
ccABS	4 in.	2 Hr	1 Hr	2 Hr	1 Hr
ABS	4 in.	2 Hr	1 Hr	2 Hr	1 Hr
CPVC	6 in.	2 Hr	2 Hr	2 Hr	2 Hr

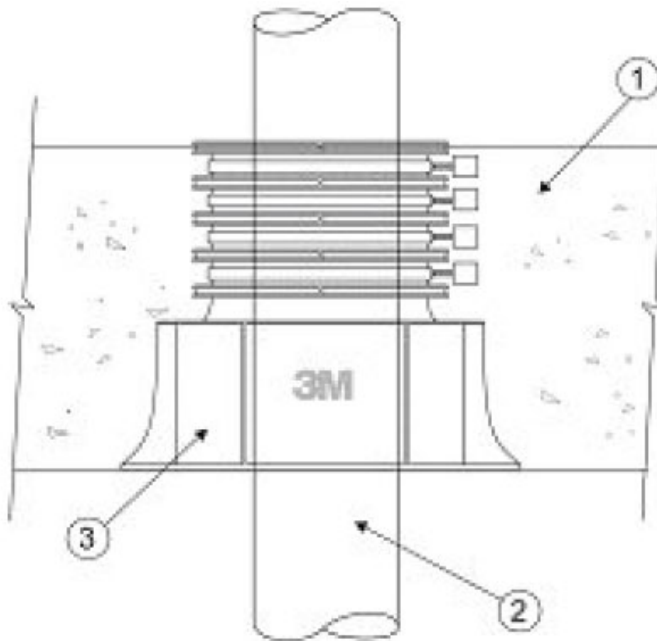


Figure 1. Penetration Detail



1. **FLOOR ASSEMBLY:** Code conforming 2-hour fire-rated assembly, minimum 4-1/2-in. thickness, normal or low density cast concrete.
2. **PENETRATING ITEMS:** (See Table 1) Sch. 40, ccABS, ABS, PVC, CPVC, System XFR pipes for DWV (Drain, Waste and Vent) or Closed (Process and Supply) piping systems and RNC-PVC (Rigid Non-Metallic Conduit), ratings achieved will equal that of floor assembly (Item 1). Pipe is inserted from the floor side.
3. **FIRESTOP SYSTEM COMPONENTS:**
The device is secured to the deck forming membrane, permanently embedded during concrete placement or grouted in concrete assembly in accordance with accompanying installation instructions. The device may be trimmed flush with top surface of the floor or may project up to a maximum of 3-1/2 in. above the top surface of the floor. Other

ancillary products such as 3M™ Tub Box Adapter (TB) and 3M™ Height Adapter (HA) may be attached to the device when required.

Note: Check the CPVC manufacturers' compatibility list before applying any 3M Fire Protection Products to a system which includes CPVC pipes Certified Product: 3M™ Fire Barrier Plastic Cast in Device (PCID)

3M PCID Size Chart

Device	Nominal Pipe ID
3M™ 2PCID	1-1/2 in.
3M™ 2PCID	2 in.
3M™ 3PCID	3 in.
3M™ 4PCID	4 in.
3M™ 6PCID	6 in.

This Design Listing is intended to provide guidance for on-site verification of the installation of system components and shall not be used in place of the manufacturer's published installation instructions. The manufacturer is responsible for providing installation instructions and requirements that ensure compliance with the system as tested and evaluated by Intertek. Installation must comply with this Design Listing, the manufacturer's installation instructions, and the applicable Code. In the event of conflict, this Design Listing governs.

Compliance of the assembly described in this Design Listing with the referenced standard(s) is contingent upon verification that the field-constructed assembly is consistent with the assembly described herein. Intertek-certified products may be verified by the authorized Intertek label. Products not bearing the Intertek label shall be verified by the Authority Having Jurisdiction as meeting the specifications stated herein.

This Design Listing is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of that agreement. Intertek assumes no liability to any party other than the Client, in accordance with the agreement, for any loss, expense, or damage arising from the use of this document. Only the Client is authorized to permit copying or distribution of this Design Listing, and only in its entirety. Partial reproduction or distribution of excerpts is not permitted.

Refer to the listing report in the Directory of Building Products (<https://bpdirectory.intertek.com>) for the applicable edition of the referenced standard(s)