

3M Company
Design No. 3M/PH 120-07
Through Penetration
3M™ Fire Barrier PCID
CAN/ULC-S115
Rating: See Table 1
Pressure Differential: Positive, 50 Pa (0.20 in. w.g.)

TABLE 1. RATINGS

Max. Pipe Diameter (ID)	CAN/ULC-S115			
	F	FT	FH	FTH
4 in.	2 Hr	0 Hr	0 Hr or 2 Hr (See Item 2)	0 Hr or 2 Hr (See Item 2)

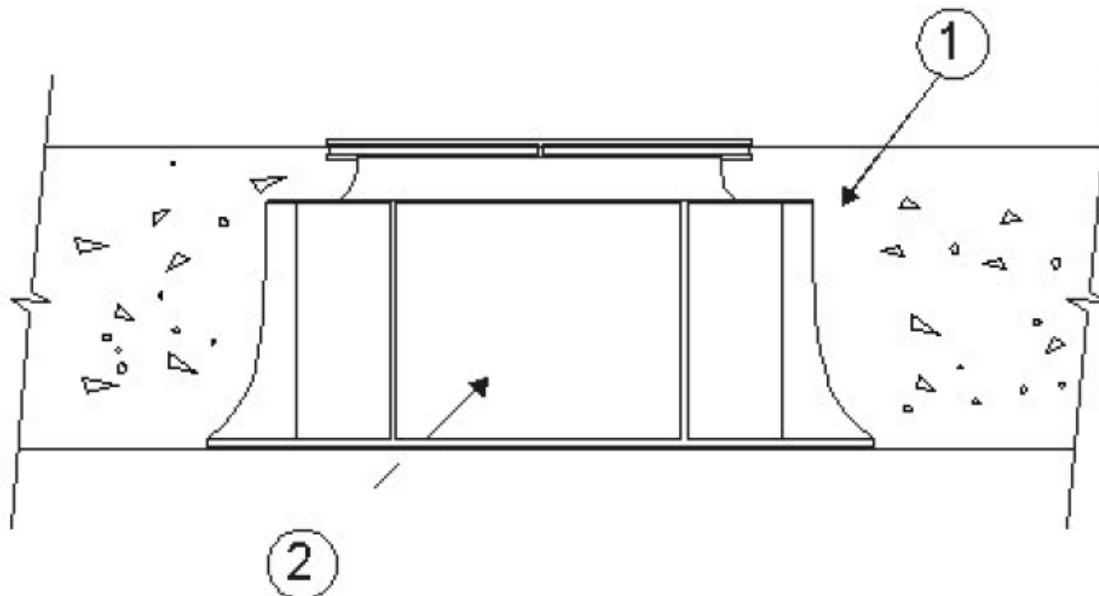


Figure 1. Penetration Detail



1. **FLOOR ASSEMBLY:** Code conforming 2-hour fire-rated floor assembly, minimum 2-1/2-in. thickness (Q-Deck or Fluted Deck), normal or low density cast concrete.

2. **FIRESTOP SYSTEM COMPONENTS:**

Certified Product: 3M™ Fire Barrier Plastic Cast in Device (PCID)

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 floor. H rating of 2 hours is achieved by attaching a Steel Plate, 24 gauge (or heavier), diameter 2 in. larger than the floor opening, secured with masonry anchors, to the floor surface, over the 3M™ PCID. Penetrating Item: None.

Consult the listing report on the Directory of Building Products (<https://bpdirectory.intertek.com>) for the edition of the standard(s) evaluated.

Compliance of the assembly described in this Design Listing with the referenced standard relies on verification that the assembly constructed in the field is consistent with that described herein. Intertek certified products may be verified by the approved Intertek label; other products must be verified by the Authority Having Jurisdiction as meeting the specifications stated herein.