

3M Company
Design No. 3M/PH 120-04
Through Penetration
3M™ Fire Barrier PCID
3M™ Tub Box (TB) Adapter
CAN/ULC-S115, ASTM E814
Rating: See Table 1
Pressure Differential: Positive, 50 Pa (0.20 in. w.g.)

TABLE 1. RATINGS

Penetrating Item	Max. Pipe Diameter	CAN/ULC-S115				ASTM E814	
		F	FT	FH	FTH	F	T
PVC	2 in.	2 Hr.	2 Hr.	2 Hr.	2 Hr.	2 Hr.	2 Hr.
System XFR	2 in.	2 Hr.	2 Hr.	2 Hr.	2 Hr.	2 Hr.	2 Hr.
ccABS	2 in.	2 Hr.	1 Hr.	2 Hr.	1 Hr.	2 Hr.	1 Hr.
ABS	2 in.	2 Hr.	1 Hr.	2 Hr.	1 Hr.	2 Hr.	1 Hr.

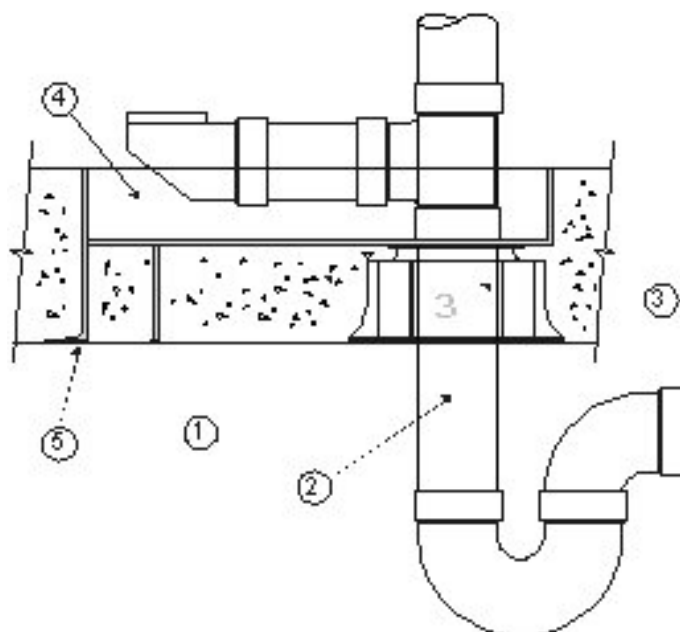


Figure 1. Penetration Detail



1. **FLOOR ASSEMBLY:** Code conforming 2-hour fire-rated floor assembly, minimum 4-1/2-in. concrete thickness, normal or low density cast concrete.
2. **PENETRATING ITEMS:** (See Table 1) Sch. 40, ccABS, ABS, PVC, System XFR pipes for DWV (Drain, Waste and Vent) or Closed (Process and Supply) piping systems, ratings achieved will equal that of floor assembly. Branch pipe & couplings shown may vary according to actual application. Pipe is inserted from the floor side.
3. **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.

4. **FIRESTOP SYSTEM COMPONENTS:**

Certified Product: 3M™ Tub Box (TB)

Adjust leg length for concrete thickness, insert legs (Item 5) into the 3M™ 2TB, connect 3M™ 2TB to the 3M™ 2PCID, secure legs to the deck forming membrane.

3M PCID Size Chart

Device	Nominal Pipe ID	Tub Box Adapter
3M™ 2PCID	1-1/2 in.	3M™ 2TB
3M™ 2PCID	2 in.	3M™ 2TB

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.