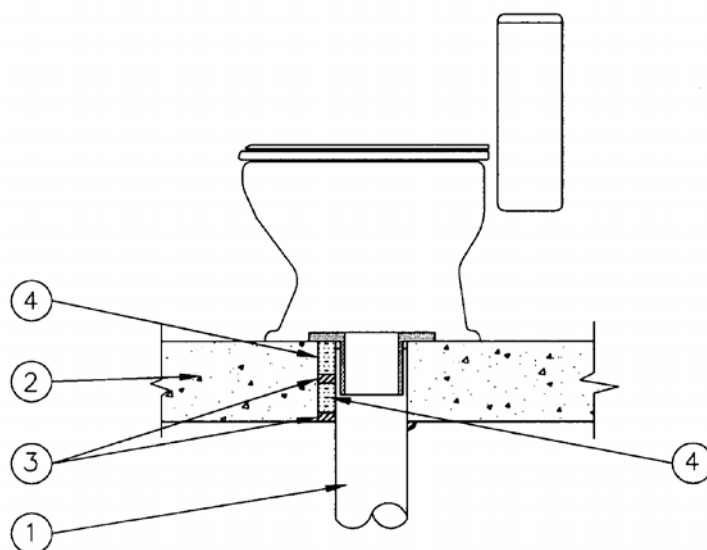


Grabber Construction Products, Inc.
Design No. JWA/PH 120-01
Horizontal Floor/Ceiling Assembly, Single Penetrations Only
GrabberGard IFC
Test Standards: ASTM E814, UL 1479, ULC S115
Positive Pressure Differential – 2.5 Pa (0.01 in. of water) Minimum
Rating: 2 Hour

Penetrating Material & Size	Max Hole Size	Annular Space	Fire "F" Rating	Fire/Hose "FH" Rating	Temp Rating "FTH" Rating
Steel and Cast Iron Pipe to 4" Sch 10 & up	6"	0" – 1-1/2"	2 Hour	2 Hour	2 Hour



Water Closet Drains

- PENETRATING ITEM:** See table above. Single penetrations only.
- FLOOR/CEILING FIRE SEPARATIONS:** Cast in place, normal or light density, concrete floor/ceiling assemblies having a min. thickness of 4-1/2 IN. (115mm).
- FIRESTOP SYSTEM, COMPONENT 1:** Grabber Construction Products, Inc. – GrabberGard IFC* installed at a min. thickness of 1/2 in. (13mm) within the annulus to completely cover the underside of both mineral wool inserts. On 0 in. to 1/4 in. (6mm) annular spaces, a 3/8 in. (10mm) diameter fillet bead must be placed around the penetrating item on the bottom surface of the concrete.
- FIRESTOP SYSTEM, COMPONENT 2:** Filler material, mineral wool insulation with a min. density of 4-6 PCF (68 kg/m3), compressed a min. of 25% into the annular space in two pieces at a min. total thickness of 3-1/2 in. (90mm). Top insert of mineral wool to be min. 2 in. (51mm) thick, and bottom insert of mineral wool to be min. 1-1/2 in. (39mm) thick. Recess filler material 1/2 in. (13mm) from the bottom surface of the concrete for sealant placement.

*WH Labeled Component