



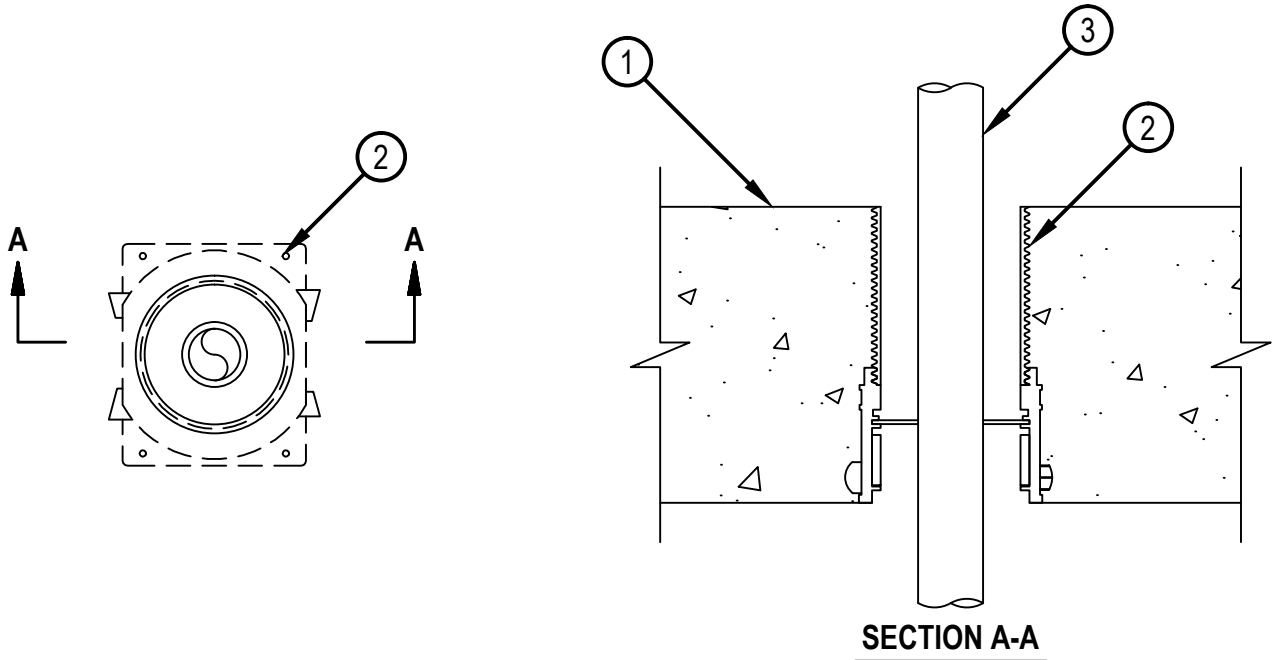
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to CAN/ULC-S115

System No. F-B-2053

F Ratings — 1-1/2 and 2 Hr (See Item 3)
FT Ratings — 0, 1/4 and 2 Hr (See Item 3)
FH Ratings — 0 and 2 Hr (See Item 3)
FTH Ratings — 0 and 2 Hr (See Item 3)



FB 2053



System tested with a pressure differential of 50 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

1. Floor Assembly — Min 152 mm (6 in.) thick lightweight or normal weight concrete (1600-2400 kg/m³ or 100-150 pcf).
2. Firestop Device* — Cast in place firestop device is permanently embedded during concrete placement or grouted in concrete assembly in accordance with accompanying installation instructions. Device is cut flush with top surface of floor.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 680-P 2", CP 680-P 3"
3. Through Penetrant — One nonmetallic pipe to be installed within the firestop system. Pipe to be rigidly supported on both sides of floor assembly. The following type and size of pipe may be used:
 - A. Polyvinyl Chloride - XFR (PVC-XFR) Pipe — Nom 76 mm (3 in.) diam (or smaller) Schedule 40 solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. The F, FT, FH and FTH Ratings of the firestop system are dependent upon the type and nom diam of the through penetrant as tabulated below:

Type of Penetrant	Nom Pipe Diam mm (In.)	Firestop Device*	F Rating Hr	FT Rating Hr	FH Rating Hr	FTH Rating Hr
PVC-XFR Pipe	38 (1-1/2)	CP 680-P 2"	2	2	2	2
PVC-XFR Pipe	51 (2)	CP 680-P 2"	1-1/2	0	0	0
PVC-XFR Pipe	76 (3)	CP 680-P 3"	1-1/2	1/4	0	0

*Bearing the UL Classification Mark



Hilti Firestop Systems

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April 15, 2013