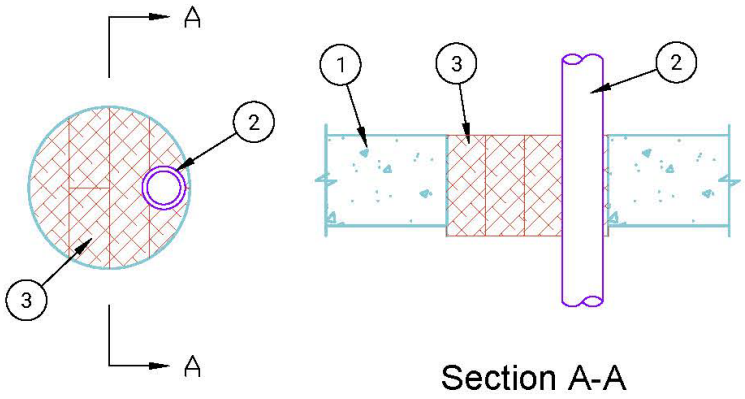
QAI DESIGN F505-C-2 – SPECIFIED TECHNOLOGIES INC. (STI)

CAN/ULC S115 / ASTM E814 - FLOOR / CEILING AND WALL DESIGN

RATING MINUTES					
ASTM E814		CAN/ULC S115 (50 Pa)			
F	T	F	FH	FT	FTH
120	0	120	120	0	0





No.	COMPONENT	DESCRIPTION	
1	Substrate: Floor / Ceiling or Wall Assembly	Type:	Minimum 114 mm (4-1/2 in.) thickness concrete floor or 127 mm (5 in.) thickness reinforced concrete wall, designed and installed in accordance with the applicable code.
		Opening:	Maximum 203 mm (8 in.) diameter.
2	Penetrant	Approved Penetrant:	SDR9 PEX Pipe.
		Penetrant Size:	Maximum 51 mm (2 in.) diameter.
		Installed Annular Space:	6 mm (1/4 in.) to 22 mm (7/8 in.).
		Installation:	Penetrant to be installed eccentrically or concentrically within the concrete substrate. Penetrant is required rigidly supported on both sides of the concrete substrate.
3	Firestop System	Approved Firestop:	SpecSeal® SBR Firestop Blocks.
		Installation:	SpecSeal® SBR Firestop Blocks are installed with 127 mm (5 in.) or 203mm (8 in.) projecting through opening, flush with the top surface of the floor or centered within the thickness of the wall assembly.

Note: Installation is to be in accordance with the above design listing, the applicable code, and the manufacturer's installation instructi for ensuring ratings noted are achieved.