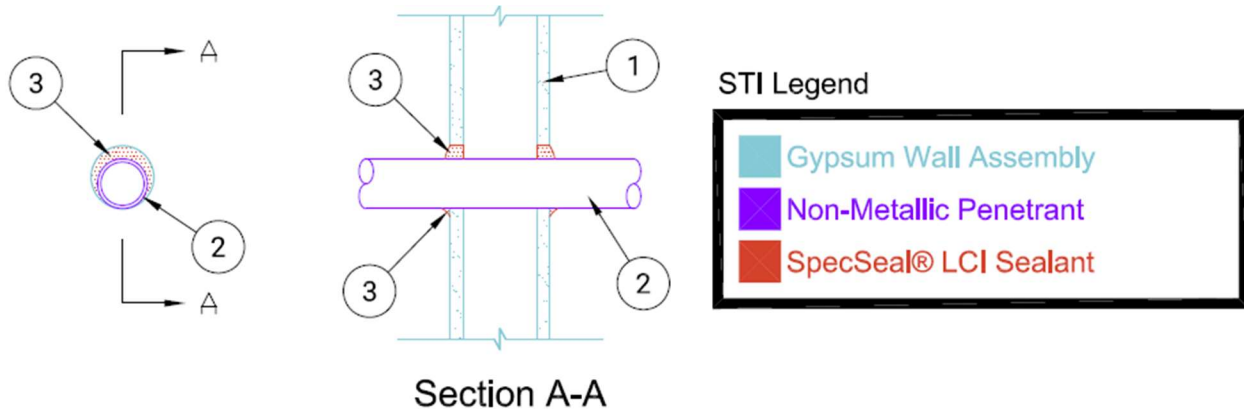


QAI DESIGN F505-D-1 – SPECIFIED TECHNOLOGIES INC. (STI)
CAN/ULC S115 - WALL DESIGN

PENETRATION TYPE	RATING MINUTES			
	CAN/ULC S115 (50 Pa)			
	F	FH	FT	FTH
2(a) Sch 40 PVC	60	0	45	0
2(b) SDR 9 PEX	60	0	0	0



No.	COMPONENT	DESCRIPTION
1	Substrate	Type: 1-hour wood or steel stud and gypsum wall assembly designed and installed in accordance with the applicable code.
		Opening: Max 64 mm (2-1/2 in.) diameter.
2	Penetration	Approved Penetrations: (a) Schedule 40 Polyvinyl Chloride (PVC) Pipe – Open System (b) SDR 9 Cross Linked Polyethylene (PEX) Tubing – Open System
		Penetration Size: Maximum 38 mm (1-1/2 in.) diameter.
		Installed Annular Space: (a) 0 mm (0 in., point contact) to 15 mm (9/16 in.) (b) 0 mm (0 in., point contact) to 22 mm (7/8 in.)
		Installation: Penetration to be installed eccentrically or concentrically within the openings. Penetration is required to be rigidly supported on both sides of the wall assembly.
3	Firestop System	Approved Firestop: SpecSeal® LCI Sealant.
		Installation: SpecSeal® LCI Sealant is applied at min 16 mm (5/8 in.) depth installed into the opening filling the gap around the penetrant and built up to a nom 6 mm (1/4 in.) past the surface of the wall on both sides of the wall. 6 mm (1/4 in.) diam bead of sealant installed at point contact locations.

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