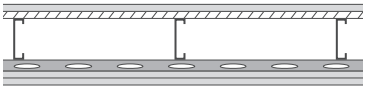
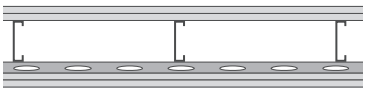
Table 9.10.3.1.-A (Continued)

Type of Wall	Wall Number	Description	*Fire-Resistance Rating*[2][3][4]		Typical *Sound Transmission Class*[2][4][5]
			Loadbearing	Non-*Loadbearing*	
	S12h	S12 with • no absorptive material • resilient metal channels spaced at 400 mm o.c. • 12.7 mm Type X gypsum board[7]	–	–	41
	S13	• 41 mm × 92 mm loadbearing steel studs spaced 400 mm or 600 mm o.c. • with or without absorptive material • resilient metal channels on one side spaced at 400 mm o.c. • 2 layers gypsum board on resilient channel side • 1 layer shear membrane and 1 layer gypsum board on other side	 GG00096A		
	S13a	S13 with • 89 mm thick absorptive material[6] • 12.7 mm OSB shear membrane • 12.7 mm Type X gypsum board[7]	30 min	–	57
	S14	• 41 mm × 92 mm loadbearing steel studs spaced 400 mm or 600 mm o.c. • with or without absorptive material • resilient metal channels on one side • 2 layers gypsum board on each side	 GG00031A		
	S14a	S14 with • 89 mm thick absorptive material[6] • resilient metal channels spaced at 600 mm o.c. • 15.9 mm Type X gypsum board[7]	1 h	–	60
	S14b	S14 with • 89 mm thick absorptive material[6] • resilient metal channels spaced at 600 mm o.c. • 12.7 mm Type X gypsum board[7]	45 min [1 h]	–	57
	S14c	S14 with • 89 mm thick absorptive material[6] • resilient metal channels spaced at 600 mm o.c. • 12.7 mm regular gypsum board[7]	–	–	54
	S14d	S14 with • no absorptive material • resilient metal channels spaced at 600 mm o.c. • 15.9 mm Type X gypsum board[7]	1 h	–	51
	S14e	S14 with • studs at 400 mm o.c. • no absorptive material • resilient metal channels spaced at 600 mm o.c. • 12.7 mm Type X gypsum board[7]	1 h	–	49
	S14f	S14 with • studs at 600 mm o.c. • no absorptive material • resilient metal channels spaced at 600 mm o.c. • 12.7 mm regular gypsum board[7]	1 h	–	50
	S14g	S14 with • no absorptive material • resilient metal channels spaced at 600 mm o.c. • 12.7 mm regular gypsum board[7]	–	–	45
	S14h	S14 with • studs at 400 mm o.c. • 89 mm thick absorptive material[6] • resilient metal channels spaced at 400 mm o.c. • 15.9 mm Type X gypsum board[7]	1 h	–	58