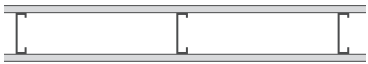



# Fire and Sound Resistance Tables

Table 9.10.3.1.-A (Continued)

Type of Wall	Wall Number	Description	Fire-Resistance Rating <sup>(2)(3)(4)</sup>		Typical Sound Transmission Class <sup>(2)(4)(5)</sup>
			Loadbearing	Non-Loadbearing	
	S3g	S3 with • studs spaced 600 mm o.c. • no absorptive material • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	2 h	45
	S3h	S3 with • studs spaced 400 mm o.c. • no absorptive material • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	2 h	42
	S3i	S3 with • studs spaced 600 mm o.c. • no absorptive material • 12.7 mm Type X gypsum board <sup>(7)</sup>	–	1.5 h	44
	S3j	S3 with • studs spaced 400 mm o.c. • no absorptive material • 12.7 mm Type X gypsum board <sup>(7)</sup>	–	1.5 h	39
	S3k	S3 with • studs spaced 600 mm o.c. • no absorptive material • 12.7 mm regular gypsum board <sup>(7)</sup>	–	1 h	40
	S3l	S3 with • studs spaced 400 mm o.c. • no absorptive material • 12.7 mm regular gypsum board <sup>(7)</sup>	–	1 h	37
	<b>S4</b>	• 31 mm × 92 mm steel studs spaced 400 mm or 600 mm o.c. • with or without absorptive material • 1 layer of gypsum board on each side	 GG00021A		
	S4a	S4 with • studs spaced 600 mm o.c. • 89 mm thick absorptive material <sup>(6)</sup> • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	45 min [1 h <sup>(8)</sup> ]	48
	S4b	S4 with • studs spaced 400 mm o.c. • 89 mm thick absorptive material <sup>(6)</sup> • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	45 min [1 h <sup>(8)</sup> ]	47
	S4c	S4 with • studs spaced 600 mm o.c. • no absorptive material • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	45 min	38
	S4d	S4 with • studs spaced 400 mm o.c. • no absorptive material • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	45 min	38
	<b>S5</b>	• 31 mm × 92 mm steel studs spaced 400 mm or 600 mm o.c. • with or without absorptive material • 1 layer of gypsum board on one side • 2 layers of gypsum board on other side	 GG00022A		
	S5a	S5 with • studs spaced 600 mm o.c. • 89 mm thick absorptive material <sup>(6)</sup> • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	1 h [1.5 h <sup>(8)</sup> ]	53
	S5b	S5 with • studs spaced 400 mm o.c. • 89 mm thick absorptive material <sup>(6)</sup> • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	1 h [1.5 h <sup>(8)</sup> ]	52