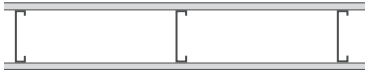
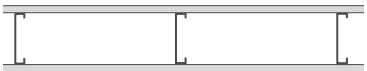



Fire and Sound Resistance Tables

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	
	S6h	S6 with • studs spaced 400 mm o.c. • no absorptive material • 15.9 mm Type X gypsum board ⁽⁷⁾	–	2 h	45
	S6i	S6 with • studs spaced 600 mm o.c. • no absorptive material • 12.7 mm Type X gypsum board ⁽⁷⁾	–	1.5 h	45
	S6j	S6 with • studs spaced 400 mm o.c. • no absorptive material • 12.7 mm Type X gypsum board ⁽⁷⁾	–	1.5 h	44
	S6k	S6 with • studs spaced 600 mm o.c. • no absorptive material • 12.7 mm regular gypsum board ⁽⁷⁾	–	1 h	41
	S6l	S6 with • studs spaced 400 mm o.c. • no absorptive material • 12.7 mm regular gypsum board ⁽⁷⁾	–	1 h	39
	S7	• 31 mm × 152 mm steel studs spaced 400 mm or 600 mm o.c. • with or without absorptive material • 1 layer of gypsum board on each side			GG00024A
	S7a	S7 with • 150 mm thick absorptive material ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾	–	45 min [1 h ⁽⁸⁾]	51
	S7b	S7 with • no absorptive material • 15.9 mm Type X gypsum board ⁽⁷⁾	–	45 min	41
	S8	• 31 mm × 152 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			GG00025A
	S8a	S8 with • 150 mm thick absorptive material ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾	–	1 h [1.5 h ⁽⁸⁾]	55
	S8b	S8 with • 150 mm thick absorptive material ⁽⁶⁾ • 12.7 mm Type X gypsum board ⁽⁷⁾	–	1 h [1.5 h ⁽⁸⁾]	54
	S8c	S8 with • no absorptive material • 15.9 mm Type X gypsum board ⁽⁷⁾	–	1 h	45
	S8d	S8 with • no absorptive material • 12.7 mm Type X gypsum board ⁽⁷⁾	–	1 h	44
	S9	• 31 mm × 152 mm steel studs spaced 400 mm or 600 mm o.c. • with or without absorptive material • 2 layers of gypsum board on each side			GG00026A
	S9a	S9 with • 150 mm thick absorptive material ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾	–	2 h	59