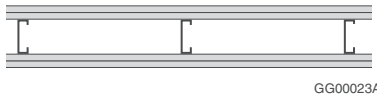


Fire and Sound Resistance Tables

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	
	S5c	S5 with • studs spaced 600 mm o.c. • 89 mm thick absorptive material ⁽⁶⁾ • 12.7 mm Type X gypsum board ⁽⁷⁾	–	1 h [1.5 h ⁽⁸⁾]	51
	S5d	S5 with • studs spaced 400 mm o.c. • 89 mm thick absorptive material ⁽⁶⁾ • 12.7 mm Type X gypsum board ⁽⁷⁾	–	1 h [1.5 h ⁽⁸⁾]	50
	S5e	S5 with • studs spaced 600 mm o.c. • no absorptive material • 15.9 mm Type X gypsum board ⁽⁷⁾	–	1 h	43
	S5f	S5 with • studs spaced 400 mm o.c. • no absorptive material • 15.9 mm Type X gypsum board ⁽⁷⁾	–	1 h	42
	S5g	S5 with • studs spaced 600 mm o.c. • no absorptive material • 12.7 mm Type X gypsum board ⁽⁷⁾	–	1 h	41
	S5h	S5 with • studs spaced 400 mm o.c. • no absorptive material • 12.7 mm Type X gypsum board ⁽⁷⁾	–	1 h	40
	S6	• 31 mm × 92 mm steel studs spaced 400 mm or 600 mm o.c. • with or without absorptive material • 2 layers of gypsum board on each side			
	S6a	S6 with • studs spaced 600 mm o.c. • 89 mm thick absorptive material ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾	–	2 h	56
	S6b	S6 with • studs spaced 400 mm o.c. • 89 mm thick absorptive material ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾	–	2 h	55
	S6c	S6 with • studs spaced 600 mm o.c. • 89 mm thick absorptive material ⁽⁶⁾ • 12.7 mm Type X gypsum board ⁽⁷⁾	–	1.5 h	55
	S6d	S6 with • studs spaced 400 mm o.c. • 89 mm thick absorptive material ⁽⁶⁾ • 12.7 mm Type X gypsum board ⁽⁷⁾	–	1.5 h	54
	S6e	S6 with • studs spaced 600 mm o.c. • 89 mm thick absorptive material ⁽⁶⁾ • 12.7 mm regular gypsum board ⁽⁷⁾	–	1 h	50
	S6f	S6 with • studs spaced 400 mm o.c. • 89 mm thick absorptive material ⁽⁶⁾ • 12.7 mm regular gypsum board ⁽⁷⁾	–	1 h	48
	S6g	S6 with • studs spaced 600 mm o.c. • no absorptive material • 15.9 mm Type X gypsum board ⁽⁷⁾	–	2 h	47