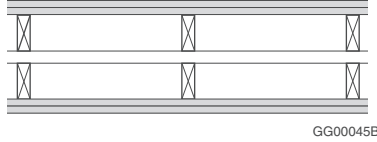
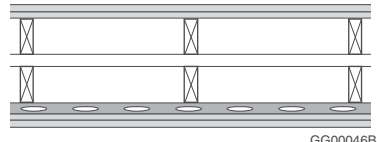


# Fire and Sound Resistance Tables

**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	
	W14f	W14 with • no absorptive material • 12.7 mm Type X gypsum board <sup>(7)</sup>	45 min	1 h	51
	W15	• two rows 38 mm x 89 mm studs, each spaced 400 mm or 600 mm o.c. on separate 38 mm x 89 mm plates set 25 mm apart • with or without absorptive material • 2 layers of gypsum board on each side	 GG00045B		
	W15a	W15 with • 89 mm thick absorptive material on each side <sup>(6)(13)</sup> • 15.9 mm Type X gypsum board <sup>(7)</sup>	1.5 h	2 h	66
	W15b	W15 with • 89 mm thick absorptive material on each side <sup>(6)(13)</sup> • 12.7 mm Type X gypsum board <sup>(7)</sup>	1 h	1.5 h	65
	W15c	W15 with • 89 mm thick absorptive material on each side <sup>(6)(13)</sup> • 12.7 mm regular gypsum board <sup>(7)</sup>	45 min	1 h	61
	W15d	W15 with • 89 mm thick absorptive material on one side only <sup>(6)(13)</sup> • 15.9 mm Type X gypsum board <sup>(7)</sup>	1.5 h	2 h	62
	W15e	W15 with • 89 mm thick absorptive material on one side only <sup>(6)(13)</sup> • 12.7 mm Type X gypsum board <sup>(7)</sup>	1 h	1.5 h	60
	W15f	W15 with • 89 mm thick absorptive material on one side only <sup>(6)(13)</sup> • 12.7 mm regular gypsum board <sup>(7)</sup>	45 min	1 h	57
	W15g	W15 with • no absorptive material • 15.9 mm Type X gypsum board <sup>(7)</sup>	1.5 h	2 h	56
	W15h	W15 with • no absorptive material • 12.7 mm Type X gypsum board <sup>(7)</sup>	1 h	1.5 h	55
	W15i	W15 with • no absorptive material • 12.7 mm regular gypsum board <sup>(7)</sup>	45 min	1 h	51
	W16	• two rows 38 mm x 89 mm studs, each spaced 400 mm or 600 mm o.c. on separate 38 mm x 89 mm plates set 25 mm apart • resilient metal channels on one side spaced 400 mm or 600 mm o.c. • with or without absorptive material • 2 layers of gypsum board on each side	 GG00046B		
	W16a	W16 with • 89 mm thick absorptive material on each side <sup>(6)(13)</sup> • 15.9 mm Type X gypsum board <sup>(7)</sup>	1.5 h	2 h	66
	W16b	W16 with • studs spaced 400 mm o.c. with blocking at mid-height <sup>(10)</sup> • 89 mm thick rock or slag fibre insulation on each side <sup>(11)</sup> • resilient metal channels on one side spaced 400 mm o.c. • 15.9 mm Type X gypsum board <sup>(7)(14)</sup>	2 h	2 h	–
	W16c	W16 with • 89 mm thick absorptive material on each side <sup>(6)(13)</sup> • 12.7 mm Type X gypsum board <sup>(7)</sup>	1 h	1.5 h	65