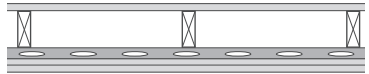
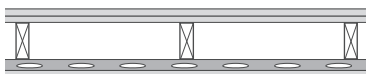
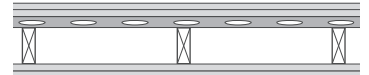


Fire and Sound Resistance Tables

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	
	W4	<ul style="list-style-type: none"> • 38 mm × 89 mm studs spaced 400 mm or 600 mm o.c. • 89 mm thick absorptive material⁽⁶⁾ • resilient metal channels on one side spaced 400 mm or 600 mm o.c. • 2 layers of gypsum board on resilient metal channel side • 1 layer of gypsum board on other side 	 GG00035A		
	W4a	<ul style="list-style-type: none"> • W4 with • studs spaced 400 mm o.c. • 15.9 mm Type X gypsum board⁽⁷⁾ 	1 h	1 h [1.5 h ⁽⁸⁾]	51
	W4b	<ul style="list-style-type: none"> • W4 with • studs spaced 600 mm o.c. • 15.9 mm Type X gypsum board⁽⁷⁾ 	1 h	1 h [1.5 h ⁽⁸⁾]	54
	W4c	<ul style="list-style-type: none"> • W4 with • studs spaced 400 mm o.c. • 12.7 mm Type X gypsum board⁽⁷⁾ 	45 min [1 h ⁽⁸⁾]	1 h	49
	W4d	<ul style="list-style-type: none"> • W4 with • studs spaced 600 mm o.c. • 12.7 mm Type X gypsum board⁽⁷⁾ 	45 min [1 h ⁽⁸⁾]	1 h	53
	W5	<ul style="list-style-type: none"> • 38 mm × 89 mm studs spaced 400 mm or 600 mm o.c. • 89 mm thick absorptive material⁽⁶⁾ • resilient metal channels on one side spaced 400 mm or 600 mm o.c. • 1 layer of gypsum board on resilient metal channel side • 2 layers of gypsum board on other side 	 GG00036A		
	W5a	<ul style="list-style-type: none"> • W5 with • studs spaced 400 mm o.c. • 15.9 mm Type X gypsum board⁽⁷⁾ 	45 min	1 h	51
	W5b	<ul style="list-style-type: none"> • W5 with • studs spaced 600 mm o.c. • 15.9 mm Type X gypsum board⁽⁷⁾ 	45 min	1 h	54
	W5c	<ul style="list-style-type: none"> • W5 with • studs spaced 400 mm o.c. • 12.7 mm Type X gypsum board⁽⁷⁾ 	45 min	1 h	49
	W5d	<ul style="list-style-type: none"> • W5 with • studs spaced 600 mm o.c. • 12.7 mm Type X gypsum board⁽⁷⁾ 	45 min	1 h	53
	W6	<ul style="list-style-type: none"> • 38 mm × 89 mm studs spaced 400 mm or 600 mm o.c. • with or without absorptive material • resilient metal channels on one side • 2 layers of gypsum board on each side 	 GG00037A		
	W6a	<ul style="list-style-type: none"> • W6 with • studs spaced 400 mm or 600 mm o.c. • 89 mm thick absorptive material⁽⁶⁾ • resilient metal channels spaced 400 mm o.c. • 15.9 mm Type X gypsum board⁽⁷⁾ 	1.5 h	2 h	55
	W6b	<ul style="list-style-type: none"> • W6 with • studs spaced 400 mm or 600 mm o.c. with blocking at mid-height⁽¹⁰⁾ • 89 mm thick rock or slag fibre insulation⁽¹¹⁾ • resilient metal channels spaced 400 mm or 600 mm o.c. • 15.9 mm Type X gypsum board⁽⁷⁾ 	2 h	2 h	–
	W6c	<ul style="list-style-type: none"> • W6 with • studs spaced 400 mm o.c. with blocking at mid-height⁽¹⁰⁾ • 89 mm thick dry-blown cellulose fibre insulation⁽¹²⁾ • resilient metal channels spaced 400 mm o.c. • 15.9 mm Type X gypsum board⁽⁷⁾ 	2 h	2 h	–