



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	
	EW3e	EW3 with • 38 mm x 89 mm studs spaced at 600 mm o.c. • 15.9 mm Type X gypsum board ⁽⁷⁾⁽¹⁵⁾ • exterior OSB or plywood sheathing ⁽¹⁷⁾ and cladding ⁽¹⁹⁾	45 min	1 h	n/a
	EW3f	EW3 with • 38 mm x 89 mm studs spaced at 400 mm o.c. • 12.7 mm Type X gypsum board ⁽⁷⁾⁽¹⁵⁾⁽¹⁶⁾ • exterior OSB or plywood sheathing ⁽¹⁷⁾ or exterior gypsum sheathing ⁽¹⁸⁾ and cladding ⁽¹⁹⁾	45 min	1 h	n/a
	EW3g	EW3 with • 38 mm x 89 mm studs spaced at 600 mm o.c. • 12.7 mm Type X gypsum board ⁽⁷⁾⁽¹⁵⁾⁽¹⁶⁾ • exterior OSB or plywood sheathing ⁽¹⁷⁾ and cladding ⁽¹⁹⁾	45 min	1 h	n/a
	EW3h	EW3 with • 38 mm x 89 mm studs spaced at 600 mm o.c. • 12.7 mm Type X gypsum board ⁽⁷⁾⁽¹⁵⁾⁽¹⁶⁾ • exterior gypsum sheathing ⁽¹⁸⁾ and cladding ⁽¹⁹⁾	–	45 min	n/a
	EW3i	EW3 with • 38 mm x 89 mm studs spaced at 400 mm o.c. • 12.7 mm Type X gypsum board ⁽⁷⁾⁽¹⁵⁾ • exterior OSB or plywood sheathing ⁽¹⁷⁾ or exterior gypsum sheathing ⁽¹⁸⁾ and cladding ⁽¹⁹⁾	–	45 min	n/a
	EW3j	EW3 with • 38 mm x 89 mm studs spaced at 600 mm o.c. • 12.7 mm Type X gypsum board ⁽⁷⁾⁽¹⁵⁾ • exterior OSB or plywood sheathing ⁽¹⁷⁾ and cladding ⁽¹⁹⁾	–	45 min	n/a
	EW3k	EW3 with • 38 mm x 140 mm studs spaced at 400 mm o.c. • 15.9 mm Type X gypsum board ⁽⁷⁾⁽¹⁵⁾⁽¹⁶⁾ • exterior wood sheathing, exterior gypsum sheathing or insulated exterior sheathing ⁽²⁰⁾ • masonry veneer cladding not less than 89 mm thick	45 min	45 min	n/a
• Non-Loadbearing Steel Studs	S1	• 31 mm x 64 mm steel studs spaced 400 mm or 600 mm o.c. • with or without absorptive material • 1 layer of gypsum board on each side	 GG00018A		
• 0.46 mm (25 Gauge)	S1a	S1 with • studs spaced 600 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾	–	45 min [1 h ⁽⁸⁾]	43
	S1b	S1 with • studs spaced 400 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾	–	45 min [1 h ⁽⁸⁾]	39
	S1c	S1 with • studs spaced 400 mm or 600 mm o.c. • no absorptive material • 15.9 mm Type X gypsum board ⁽⁷⁾	–	45 min	35
	S2	• 31 mm x 64 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	 GG00019A		
	S2a	S2 with • studs spaced 600 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾	–	1 h	50