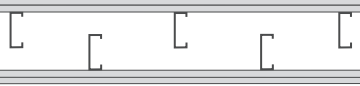
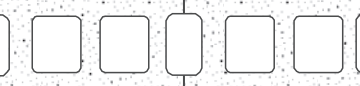
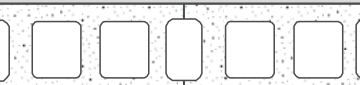


Fire and Sound Resistance Tables

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	
	S14i	S14 with • studs at 600 mm o.c. • 89 mm thick absorptive material ⁽⁶⁾ • resilient metal channels spaced at 400 mm o.c. • 15.9 mm Type X gypsum board ⁽⁷⁾	1 h	–	60
	S14j	S14 with • 89 mm thick absorptive material ⁽⁶⁾ • resilient metal channels spaced at 400 mm o.c. • 12.7 mm Type X gypsum board ⁽⁷⁾	45 min [1 h]	–	55
	S14k	S14 with • studs at 400 mm o.c. • no absorptive material • resilient metal channels spaced at 400 mm o.c. • 15.9 mm Type X gypsum board ⁽⁷⁾	1 h	–	49
	S14l	S14 with • studs at 600 mm o.c. • no absorptive material • resilient metal channels spaced at 400 mm o.c. • 15.9 mm Type X gypsum board ⁽⁷⁾	1 h	–	51
	S14m	S14 with • no absorptive material • resilient metal channels spaced at 400 mm o.c. • 12.7 mm Type X gypsum board ⁽⁷⁾	1 h	–	47
	S15	• 2 rows of 92 mm loadbearing steel studs spaced 400 mm or 600 mm o.c. staggered on separate 41 mm x 92 mm runners • with cross-bracing • with or without absorptive material • 2 layers of gypsum board each side	 GG00097A		
	S15a	S15 with • 89 mm thick absorptive material in each cavity ⁽⁶⁾ • 12.7 mm Type X gypsum board ⁽⁷⁾	1 h	–	68
	S15b	S15 with • no absorptive material • 12.7 mm Type X gypsum board ⁽⁷⁾	1 h	–	52
	S15c	S15 with • 89 mm thick absorptive material in each cavity ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾	1 h	–	68
	S15d	S15 with • no absorptive material • 15.9 mm Type X gypsum board ⁽⁷⁾	1.5 h	–	52
• Hollow Concrete Block (Normal Weight Aggregate)	B1	• 140 mm or 190 mm concrete block	 GG00001A		
	B1a	• 140 mm bare concrete block ⁽⁵⁾	1 h	1 h	48
	B1b	• 190 mm bare concrete block ⁽⁵⁾	1.5 h	1.5 h	50
	B2	• 140 mm or 190 mm concrete block • no absorptive material • 1 layer gypsum-sand plaster or gypsum board on each side	 GG00002A		
	B2a	B2 with • 140 mm concrete block • 12.7 mm gypsum-sand plaster	2 h	2 h	50