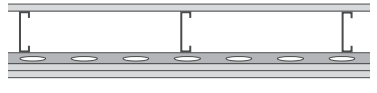


## Fire and Sound Resistance Tables

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	
	S11d	S11 with • 89 mm thick absorptive material <sup>(6)</sup> • resilient metal channels spaced at 600 mm o.c. • 12.7 mm Type X gypsum board <sup>(7)</sup>	–	–	47
	S11e	S11 with • 89 mm thick absorptive material <sup>(6)</sup> • resilient metal channels spaced at 400 mm o.c. • 12.7 mm Type X gypsum board <sup>(7)</sup>	–	–	45
	S11f	S11 with • no absorptive material <sup>(6)</sup> • resilient metal channels spaced at 400 mm o.c. • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	–	39
	S11g	S11 with • no absorptive material <sup>(6)</sup> • resilient metal channels spaced at 400 mm o.c. • 12.7 mm Type X gypsum board <sup>(7)</sup>	–	–	36
	S11h	S11 with • no absorptive material <sup>(6)</sup> • resilient metal channels spaced at 600 mm o.c. • 12.7 mm Type X gypsum board <sup>(7)</sup>	–	–	38
	<b>S12</b>	<ul style="list-style-type: none"> <li>• 41 mm x 92 mm loadbearing steel studs spaced 400 mm or 600 mm o.c.</li> <li>• with or without cross-bracing on one side</li> <li>• with or without absorptive material</li> <li>• resilient metal channels on one side</li> <li>• 2 layers gypsum board on resilient channel side</li> <li>• 1 layer gypsum board on other side</li> </ul>			
	S12a	S12 with • 89 mm thick absorptive material <sup>(6)</sup> • resilient metal channels spaced at 600 mm o.c. • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	–	54
	S12b	S12 with • no absorptive material • resilient metal channels spaced at 600 mm o.c. • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	–	46
	S12c	S12 with • 89 mm thick absorptive material <sup>(6)</sup> • resilient metal channels spaced at 400 mm o.c. • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	–	52
	S12d	S12 with • no absorptive material • resilient metal channels spaced at 400 mm o.c. • 15.9 mm Type X gypsum board <sup>(7)</sup>	–	–	43
	S12e	S12 with • 89 mm thick absorptive material <sup>(6)</sup> • resilient metal channels spaced at 600 mm o.c. • 12.7 mm Type X gypsum board <sup>(7)</sup>	–	–	52
	S12f	S12 with • no absorptive material • resilient metal channels spaced at 600 mm o.c. • 12.7 mm Type X gypsum board <sup>(7)</sup>	–	–	43
	S12g	S12 with • 89 mm thick absorptive material <sup>(6)</sup> • resilient metal channels spaced at 400 mm o.c. • 12.7 mm Type X gypsum board <sup>(7)</sup>	–	–	50