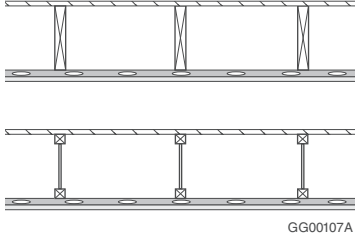


# Fire and Sound Resistance Tables

**Table 9.10.3.1.-B (Continued)**

Type of Assembly	Assembly Number	Description <sup>(2)(3)(4)</sup>	Fire-Resistance Rating <sup>(5)(6)(7)(8)</sup>	Typical Sound Transmission Class <sup>(5)(6)(7)(9)(10)(11)</sup> (STC)	Typical Impact Insulation Class <sup>(5)(9)(12)</sup> (IIC)
	<b>F8<sup>(14)</sup></b>	<ul style="list-style-type: none"> <li>• subfloor of 15.5 mm plywood, OSB or waferboard, or 17 mm tongue and groove lumber</li> <li>• on wood joists or wood I-joists spaced not more than 600 mm o.c.</li> <li>• with or without absorptive material in cavity</li> <li>• resilient metal channels spaced 400 mm or 600 mm o.c.</li> <li>• 1 layer of gypsum board on ceiling side</li> </ul>			
	F8a	<ul style="list-style-type: none"> <li>• F8 with</li> <li>• no absorptive material in cavity</li> <li>• resilient metal channels spaced 400 mm o.c.</li> <li>• 15.9 mm Type X gypsum board</li> </ul>	30 min	41	33
	F8b	<ul style="list-style-type: none"> <li>• F8 with</li> <li>• no absorptive material in cavity</li> <li>• resilient metal channels spaced 600 mm o.c.</li> <li>• 15.9 mm Type X gypsum board</li> </ul>	30 min	43	36
	F8c	<ul style="list-style-type: none"> <li>• F8 with</li> <li>• absorptive material in cavity</li> <li>• resilient metal channels spaced 400 mm o.c.</li> <li>• 15.9 mm Type X gypsum board</li> </ul>	30 min [45 min] <sup>(16)</sup>	48	41
	F8d	<ul style="list-style-type: none"> <li>• F8 with</li> <li>• absorptive material in cavity</li> <li>• resilient metal channels spaced 600 mm o.c.</li> <li>• 15.9 mm Type X gypsum board</li> </ul>	30 min	50	44
	F8e	<ul style="list-style-type: none"> <li>• F8 with</li> <li>• no absorptive material in cavity</li> <li>• resilient metal channels spaced 400 mm o.c.</li> <li>• 12.7 mm Type X gypsum board</li> </ul>	30 min	39	32
	F8f	<ul style="list-style-type: none"> <li>• F8 with</li> <li>• no absorptive material in cavity</li> <li>• resilient metal channels spaced 600 mm o.c.</li> <li>• 12.7 mm Type X gypsum board</li> </ul>	30 min	41	35
	F8g	<ul style="list-style-type: none"> <li>• F8 with</li> <li>• absorptive material in cavity</li> <li>• resilient metal channels spaced 400 mm o.c.</li> <li>• 12.7 mm Type X gypsum board</li> </ul>	30 min [45 min] <sup>(16)</sup>	46	40
	F8h	<ul style="list-style-type: none"> <li>• F8 with</li> <li>• absorptive material in cavity</li> <li>• resilient metal channels spaced 600 mm o.c.</li> <li>• 12.7 mm Type X gypsum board</li> </ul>	30 min	48	43
	F8i	<ul style="list-style-type: none"> <li>• F8 with</li> <li>• no absorptive material in cavity</li> <li>• resilient metal channels spaced 400 mm o.c.</li> <li>• 12.7 mm regular gypsum board</li> </ul>	< 30 min	41	31
	F8j	<ul style="list-style-type: none"> <li>• F8 with</li> <li>• no absorptive material in cavity</li> <li>• resilient metal channels spaced 600 mm o.c.</li> <li>• 12.7 mm regular gypsum board</li> </ul>	< 30 min	41	34
	F8k	<ul style="list-style-type: none"> <li>• F8 with</li> <li>• absorptive material in cavity</li> <li>• resilient metal channels spaced 400 mm o.c.</li> <li>• 12.7 mm regular gypsum board</li> </ul>	< 30 min	46	39