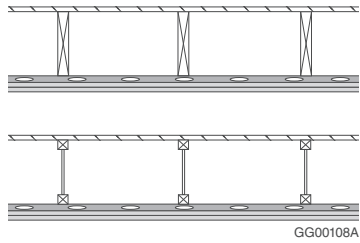


Fire and Sound Resistance Tables

Table 9.10.3.1.-B (Continued)

Type of Assembly	Assembly Number	Description ⁽²⁾⁽³⁾⁽⁴⁾	Fire-Resistance Rating ⁽⁵⁾⁽⁶⁾⁽⁷⁾⁽⁸⁾	Typical Sound Transmission Class ⁽⁵⁾⁽⁶⁾⁽⁷⁾⁽⁹⁾⁽¹⁰⁾⁽¹¹⁾ (STC)	Typical Impact Insulation Class ⁽⁵⁾⁽⁹⁾⁽¹²⁾ (IIC)
	F8l	F8 with <ul style="list-style-type: none"> • absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 12.7 mm regular gypsum board 	< 30 min	48	42
	F9 ⁽¹⁴⁾	<ul style="list-style-type: none"> • subfloor of 15.5 mm plywood, OSB or waferboard, or 17 mm tongue and groove lumber • on wood joists or wood I-joists spaced not more than 600 mm o.c. • with or without absorptive material in cavity • resilient metal channels spaced 400 mm or 600 mm o.c. • 2 layers of gypsum board on ceiling side 			
	F9a ⁽¹⁷⁾	F9 with <ul style="list-style-type: none"> • no absorptive material in cavity • resilient metal channels spaced 400 mm o.c. • 15.9 mm Type X gypsum board 	1 h	45	38
	F9b ⁽¹⁷⁾	F9 with <ul style="list-style-type: none"> • no absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 15.9 mm Type X gypsum board 	1 h	47	40
	F9c ⁽¹⁷⁾	F9 with <ul style="list-style-type: none"> • absorptive material in cavity • resilient metal channels spaced 400 mm o.c. • 15.9 mm Type X gypsum board 	1 h [1.5 h] ⁽¹⁹⁾	52 [54] ⁽¹⁹⁾	46
	F9d ⁽¹⁷⁾	F9 with <ul style="list-style-type: none"> • absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 15.9 mm Type X gypsum board 	1 h [1.5 h] ⁽¹⁹⁾	54 [56] ⁽¹⁹⁾	48
	F9e ⁽¹⁷⁾	F9 with <ul style="list-style-type: none"> • no absorptive material in cavity • resilient metal channels spaced 400 mm o.c. • 12.7 mm Type X gypsum board 	1 h	44	36
	F9f ⁽¹⁷⁾	F9 with <ul style="list-style-type: none"> • no absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 12.7 mm Type X gypsum board 	1 h	46	39
	F9g ⁽¹⁷⁾	F9 with <ul style="list-style-type: none"> • absorptive material in cavity • resilient metal channels spaced 400 mm o.c. • 12.7 mm Type X gypsum board 	1 h [1.5 h] ⁽¹⁹⁾	51 [53] ⁽¹⁹⁾	44
	F9h ⁽¹⁷⁾	F9 with <ul style="list-style-type: none"> • absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 12.7 mm Type X gypsum board 	45 min [1 h] ⁽¹⁸⁾	53	47
	F9i	F9 with <ul style="list-style-type: none"> • no absorptive material in cavity • resilient metal channels spaced 400 mm o.c. • 12.7 mm regular gypsum board 	-	43	36
	F9j	F9 with <ul style="list-style-type: none"> • no absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 12.7 mm regular gypsum board 	-	45	39