

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)
	F45b	F45 with <ul style="list-style-type: none"> • steel joists spaced 400 mm o.c. • no absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 15.9 mm Type X gypsum board 	45 min	48	40
	F45c	F45 with <ul style="list-style-type: none"> • steel joists spaced 600 mm o.c. • no absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 15.9 mm Type X gypsum board 	45 min	49	40
	F45d	F45 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	52	46
	F45e	F45 with <ul style="list-style-type: none"> • steel joists spaced 400 mm o.c. • absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 15.9 mm Type X gypsum board 	45 min [1 h] ⁽²⁸⁾	55	48
	F45f	F45 with <ul style="list-style-type: none"> • steel joists spaced 600 mm o.c. • absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 15.9 mm Type X gypsum board 	45 min [1 h] ⁽¹⁵⁾	56	48
	F45g	F45 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
	F45h	F45 with <ul style="list-style-type: none"> • steel joists spaced 400 mm o.c. • no absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 12.7 mm Type X gypsum board 	45 min	46	39
	F45i	F45 with <ul style="list-style-type: none"> • steel joists spaced 600 mm o.c. • no absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 12.7 mm Type X gypsum board 	45 min	47	39
	F45j	F45 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	51	44
	F45k	F45 with <ul style="list-style-type: none"> • steel joists spaced 400 mm o.c. • absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 12.7 mm Type X gypsum board 	45 min [1 h] ⁽²⁸⁾	53	47
	F45l	F45 with <ul style="list-style-type: none"> • steel joists spaced 600 mm o.c. • absorptive material in cavity • resilient metal channels spaced 600 mm o.c. • 12.7 mm Type X gypsum board 	45 min [1 h] ⁽¹⁵⁾	54	47