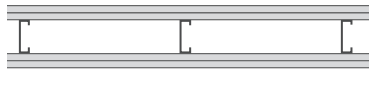


Fire and Sound Resistance Tables

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 | |
| | S2b | S2 with • studs spaced 400 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾ | – | 1 h | 44 |
| | S2c | S2 with • studs spaced 600 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 12.7 mm Type X gypsum board ⁽⁷⁾ | – | 1 h | 50 |
| | S2d | S2 with • studs spaced 400 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 12.7 mm Type X gypsum board ⁽⁷⁾ | – | 1 h | 42 |
| | S2e | S2 with • studs spaced 600 mm o.c. • no absorptive material • 15.9 mm Type X gypsum board ⁽⁷⁾ | – | 1 h | 41 |
| | S2f | S2 with • studs spaced 400 mm o.c. • no absorptive material • 15.9 mm Type X gypsum board ⁽⁷⁾ | – | 1 h | 37 |
| | S2g | S2 with • studs spaced 600 mm o.c. • no absorptive material • 12.7 mm Type X gypsum board ⁽⁷⁾ | – | 1 h | 40 |
| | S2h | S2 with • studs spaced 400 mm o.c. • no absorptive material • 12.7 mm Type X gypsum board ⁽⁷⁾ | – | 1 h | 35 |
| | S3 | • 31 mm x 64 mm steel studs spaced 400 mm or 600 mm o.c. • with or without absorptive material • 2 layers of gypsum board on each side |  | | GG00020A |
| | S3a | S3 with • studs spaced 600 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾ | – | 2 h | 54 |
| | S3b | S3 with • studs spaced 400 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 15.9 mm Type X gypsum board ⁽⁷⁾ | – | 2 h | 51 |
| | S3c | S3 with • studs spaced 600 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 12.7 mm Type X gypsum board ⁽⁷⁾ | – | 1.5 h | 53 |
| | S3d | S3 with • studs spaced 400 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 12.7 mm Type X gypsum board ⁽⁷⁾ | – | 1.5 h | 47 |
| | S3e | S3 with • studs spaced 600 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 12.7 mm regular gypsum board ⁽⁷⁾ | – | 1 h | 49 |
| | S3f | S3 with • studs spaced 400 mm o.c. • 65 mm thick absorptive material ⁽⁶⁾ • 12.7 mm regular gypsum board ⁽⁷⁾ | – | 1 h | 41 |