

Types of Construction

General information only. Refer to Chapter 6 of the IBC for more specific details.

Type I

- A** Noncombustible construction. Three-hour fire-resistance rating on primary structural frame and all bearing walls. Two-hour fire-resistance rating on floors and secondary structural members.
- B** Noncombustible construction. Two-hour fire-resistance rating on primary structural frame and all bearing walls. Two-hour fire-resistance rating on floors and secondary structural members.

Type II

- A** Noncombustible construction. One-hour fire-resistance rating on primary structural frame and all bearing walls. One-hour fire-resistance rating on floors and secondary structural members.
- B** Noncombustible construction. No fire-resistance rating on any structural element.

Type III

- A** Noncombustible exterior wall construction with two-hour fire-resistance rating. One-hour rating on structural frame and all bearing walls. Other interior walls are any material permitted by the code.
- B** Noncombustible exterior wall construction with two-hour fire-resistance rating. No fire-resistance rating on structural frame or bearing walls. Interior walls are any material permitted by the code.

Type IV

- A** Mass timber construction protected with noncombustible protection applied directly to the mass timber. Three-hour fire-resistance rating on structural frame and all bearing walls. Two-hour fire-resistance rating on floors and secondary structural members.
- B** Mass timber construction protected with noncombustible protection applied directly to the mass timber. Two-hour fire-resistance rating on structural frame and all bearing walls. Two-hour fire-resistance rating on floors and secondary structural members.

- C** Mass timber construction protected with noncombustible protection applied directly to the mass timber. One-hour fire-resistance rating on structural frame and all bearing walls. Two-hour fire-resistance rating on floors and secondary structural members.
- HT** Heavy Timber construction. Two-hour fire-resistance rating on exterior bearing walls and one hour rating on interior bearing walls.

Type V

- A** All structural elements may be constructed with any permitted material. One hour fire-resistance rating on structural frame and all bearing walls.
- B** All structural elements may be constructed with any permitted material. No fire rating on structural frame or any bearing walls.