

Types of Construction based on the NJ Uniform Construction Code, 2009 IBC/NJ Table 601

There are Five (5) major types of construction. Four (4) of these types are also classified as protected or unprotected.

Protected construction refers to buildings where additional fire resistance is afforded in accordance with the code.

Sprinkler Note Table e. - Where not required by code or where area increase or height increase taken, not permitted on exterior walls- No Double Dipping.

| Common Name | Type | Designation | Basic Tabular Ratings in Hours | | | | | |
|-----------------|---|-------------|---|-----------------------|---|------------------|-------|---|
| | | | Structural Frame | Exterior Bearing Wall | Interior Bearing Wall | Non Bearing Wall | Floor | Roof |
| Fire Resistive | IA | Protected | 3 Supporting Roof Only 2 | 3 | 3 Supporting Roof Only 2 | 0 | 2 | 1.5 Only if Roof is less than 20 feet to floor below or in F1,H, M, S1 |
| Fire Resistive | IB | Unprotected | 2 Supporting Roof Only 1 | 2 | 2 Supporting Roof Only 1 | 0 | 2 | 1 Only if Roof is less than 20 feet to floor below or in F1,H, M, S1 |
| Non Combustible | IIA | Protected | 1 with NFPA 13 Sprinkler System 0 | 1 1 | 1 with NFPA 13 Sprinkler System 0 | 0 | 1 | 1 Only if Roof is less than 20 feet to floor below or in F1,H, M, S1 |
| Non Combustible | IIB | Unprotected | 0 | 0 | 0 | 0 | 0 | 0 |
| Ordinary | IIIA | Protected | 1 with NFPA 13 Sprinkler System 0 | 2 1 | 1 with NFPA 13 Sprinkler System 0 | 0 | 1 | 1 Only if Roof is less than 20 feet to floor below or in F1,H, M, S1 |
| Ordinary | IIIB | Unprotected | 0 | 2 | 0 | 0 | 0 | 0 |
| Heavy Timber | IV | HT | HT | 2 | 1/HT | 1 | HT | HT |
| Wood Frame | VA | Protected | 1 with NFPA 13 Sprinkler System 0 | 1 1 | 1 with NFPA 13 Sprinkler System 0 | 0 | 1 | 1 Only if Roof is less than 20 feet to floor below or in F1,H, M, S1 |
| Wood Frame | VB | Unprotected | 0 | 0 | 0 | 0 | 0 | 0 |
| Note | 13R Fire Sprinkler Systems permitted for 3 Story Unprotected Wood Frame One and Two Family Dwellings & Townhouses | | | | | | | |

NOT FOR CONSTRUCTION OR CODE ENFORCEMENT USE