



## Mass Timber Buildings and the IBC

<https://research.thinkwood.com/en/permalink/catalogue2614>

Organization: American Wood Council  
International Code Council

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Material: CLT (Cross-Laminated Timber)

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### Summary:

Developed by ICC and American Wood Council, this first edition provides an overview of requirements for mass timber construction as found in the 2021 International Building Code® (IBC®). The document reviews the 2015 IBC's recognition of cross-laminated timber (CLT), the reorganization of heavy timber provisions in the 2018 IBC, followed by the historic changes in the 2021 IBC and International Fire Code® (IFC®) for tall mass timber construction. The 2021 IBC and IFC include important changes in material technologies and their expanded use as proposed by the ICC Ad Hoc Committee on Tall Wood Buildings. Three new types of construction (Types IV-A, IV-B and IV-C) defined and included in the 2021 codes allow the use of mass timber for buildings of taller heights, more stories above grade, and greater allowable areas compared to existing provisions for heavy timber buildings.

### Features:

More than 100 full-color photos, illustrations and tables enhance comprehension and help users visualize requirements

Content accurately reflects mass timber provisions in the 2015, 2018 and 2021 IBC, and 2021 IFC

"Change Significance" topics reinforce the content and offer helpful background regarding code provisions

Results are provided for five fire tests in a fully furnished structure constructed to simulate Types IV-A, IV-B and IV-C

Detailed examples facilitate comprehension of code application and methods of determining code compliance

Application of energy, sound transmission, structural loads, and other code provisions to mass timber construction

50 practice questions to help users prepare for ICC certification exams

This is an incredibly valuable and time-saving reference for architects, engineers, building/fire officials and inspectors.

Online Access:            Payment Required

### Resource Link

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