



FULL-SERVICE OFF-SITE SOLUTIONS ENHANCE MASS TIMBER CONSTRUCTION



Experience the ultimate in mass timber construction with MiTek's comprehensive structural solutions, prefabricated building enclosures, and innovative off-site technologies. Our approach to off-site construction begins by optimizing the design plan with industry-leading lateral systems and prefabricated enclosure components, facilitating a streamlined building process.

[MII.COM/MASS-TIMBER](https://www.mitek.com/mass-timber)

With our solutions, you can achieve the performance, functionality, and quality required to thrive in the competitive mass timber market.

STRUCTURAL SYSTEMS



HFX Shear Wall

The most cost-effective and narrowest prefabricated shear wall panel in the industry, the MiTek Hardy HFX Shear Panel enables narrower walls and larger openings. The MiTek Hardy "C-Shape" allows trade professionals to insulate and recess fixtures easily, adding a building safety layer through increased reserve capacity.



Special Moment Frames

A state-of-the-art, pre-fabricated, pre-engineered Moment Frame System that utilizes the new-generation SidePlate® Moment Connection Technology to resist lateral forces from high wind and earthquake loads. No additional third-party approvals are required since the design of the Portal Frame is prequalified in AISC 358 to meet code design requirements.



CFS Moment Frames

A prefabricated cold-formed steel moment frame specifically designed for multi-story, wood, and timber frame construction. Easily stackable, the innovative wall frames are designed to achieve high lateral load-resisting capacity while allowing architects the ability to incorporate larger window openings and increase design options.



Z4 Tie-Down System

A continuous top-to-bottom tie-down system used to transfer uplift tension forces that result from earthquake and wind loading to the foundation. The system is engineered to limit story drifts and eliminate additional structural damage caused by loose connections in the floor framing.

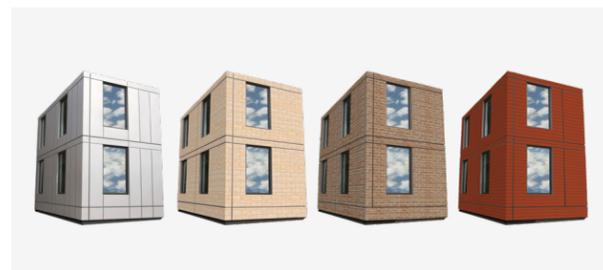
CNXO - Omega Cinch Nut
More robust design



SidePlate Connection Design

A design optimization process that puts steel exactly where it is needed in a building. Our process reduces overall tonnage, minimizes required connections, and accelerates erection times. Our team gets involved early and stays involved through the engineering, detailing, fabrication and erection phases to ensure a simple and successful project.

ENCLOSURE SYSTEMS



ONEWALL

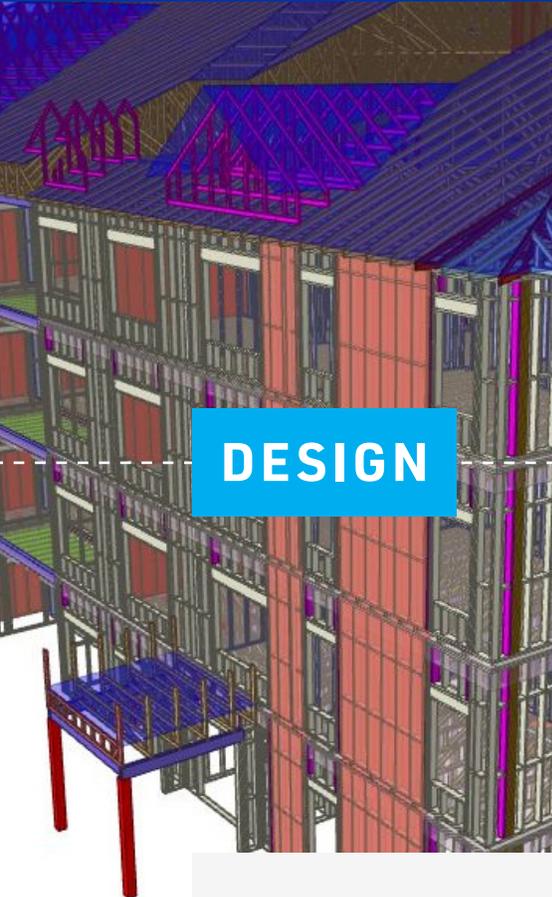
The most complete prefabricated exterior wall panel system on the market. Each fully engineered wall unit is crafted with Benson® Curtain Wall design principles featuring stack-joint construction, dry-gasket joints, preinstalled windows, and integrated drywall attachments – no extra sealing or framing required.

SERVICES

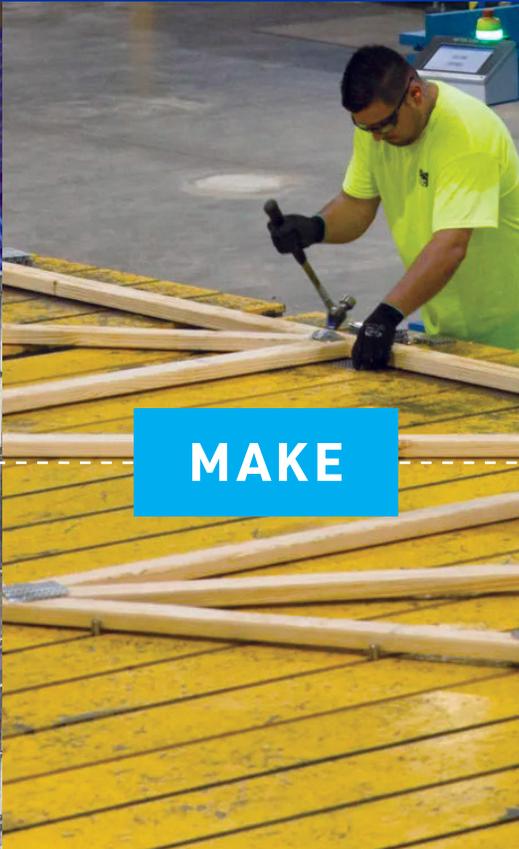


Build your business with MiTek's professional services and deliver to your customers with speed and precision.

- 3D Modeling & BIM
- D Drafting
- Estimating & BOM
- Optimization Design
- HVAC Design
- And More



DESIGN



MAKE



BUILD

UNLOCK THE POWER OF DESIGN-MAKE-BUILD™

Componentized roof trusses, lateral systems, and prefabricated exterior wall systems are designed and manufactured using innovative off-site construction technologies.

DESIGN

Optimize build plans for off-site construction with software and services that enable collaboration across specialties.

MAKE

Get high quality components that compress your schedule through the power and control of off-site automation technologies.

BUILD

Minimize resources, waste, and time on-site with componentized roof trusses, lateral systems, and prefabricated exterior wall systems that arrive ready to drop in place.