

TERRALAM® CLT



**STERLING®**  
*Structural*



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# OUR APPROACH



## SUSTAINABILITY MEETS AFFORDABILITY

Over the past decade, mass timber has emerged as a significant force in North America due to its aesthetic, efficiency, and ecological benefits, with cross-laminated timber (CLT) being the most common form used in construction. CLT is particularly effective in reducing embodied carbon, as approximately 75% of the carbon sequestered in a mass timber building is stored in floor and roof slabs. Sterling Structural is committed to offering accessible mass timber solutions through our TerraLam® CLT product line. This scalable, cost-competitive structural option not only aids in the rapid decarbonization of the built environment but also integrates seamlessly with other materials in mass timber or hybrid applications. As a domestically produced and renewable resource, TerraLam® minimizes emissions associated with traditional construction while bolstering local economies.

## MORE THAN JUST CLT

Think of Sterling as a resource for all things mass timber. We have developed collaborative working relationships with national glulam, connection hardware and complementary product manufacturers to efficiently procure and coordinate top-quality building product packages tailored to your specific needs. With our strong network, strong project management and industry expertise, we work together from design through sequence and installation to deliver your turn-key timber or hybrid package.

## STANDARD, REPEATABLE DELIVERY

Sterling streamlines the design, fabrication, and installation process for CLT structural systems by utilizing a standard-format approach. Using in-house CNC capability, panels can be pre-fabricated and customized to project requirements as needed.



# TERRALAM® CLT FOR BUILDINGS

## PRIMARY APPLICATIONS

- Repeatable simple spans
- Scalable and modular designs
- Budget-conscious but user-driven projects
- Replacing steel decking and precast concrete

## WHY STERLING?

- Accessible price point
- Panel sizes are compatible with various building types
- Faster lead times and robust logistics network
- Domestic sourcing and manufacturing

**A healthier alternative to commodity building materials:** TerraLam panels carry a Red List Free Declare® label through the International Living Future Institute, and our Environmental Product Declaration (EPD) is available for carbon-optimized projects. Additionally, our Southern Pine products are SFI-certified. All panels are certified to the PRG 320 performance standard by the International Code Council.

## WHAT WE DO

NOW IS THE TIME FOR TIMBER - AND WE CAN HELP.

### Design Assist and Coordination



### Project Management and Logistics



### Machining and Prefabrication



### Transparent Pricing and Timelines



### Value-Added Complementary Products



### Sustainability Support



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## STERLING MAKES MASS TIMBER ACCESSIBLE

As the nation's largest CLT manufacturer, Sterling has the high-speed manufacturing and extensive production capacity to provide CLT floor, roof and wall systems as an affordable option for buildings of all sizes and occupancies. We offer a repeatable and standardized approach to design, manufacturing, and delivery that streamlines the collaborative process and eliminates redundancy. Having served industrial markets for over a decade, our robust logistics division is highly experienced in the scaled delivery of CLT. With Sterling, project teams can feel confident investing in CLT solutions for their buildings.



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## HOW WE DO IT



STANDARDIZED APPROACH



SPEED AND CAPACITY



ROBUST LOGISTICS



SUSTAINABLE STRUCTURE



**Declare.**



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