

Timber

TIMBER

PRODUCT BROCHURE

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USE THE WARMTH OF WOOD TO ENHANCE YOUR SPACE

Traditional craftsmanship meets advanced, custom manufacturing with DIRTT Timber. Bring a natural touch to your space with structural capabilities and unique designs. Do it without long lead times or labor-intensive fabrication. Connections are precision-milled in our Timber factory, allowing components to be rapidly assembled on-site. Engineered to meet local requirements, it integrates seamlessly with your DIRTT project scope. DIRTT Timber brings warmth, added texture, and bold design elements to the built environment.



BRING THE OUTSIDE IN

Using DIRTT Timber is a dynamic way to incorporate natural elements into your space. Whether it's a structural post framing a room or a sculptural element to start a conversation, the warmth of wood has benefits far beyond aesthetics. Research shows incorporating biophilic design has calming effects on occupants. It looks good and feels even better.





MAKE A SUSTAINABLE CHOICE

As a building material, DIRTT Timber offers a lot to those building with sustainability in mind. Whether you're looking for building materials that have a comparatively low environmental impact or want to increase the amount of non-emitting sources in your space, timber can check those boxes and more. It's renewable, it sequesters carbon, and can be sustainably sourced. All of which add to your green building certification.

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MAKE A STATEMENT

With DIRT's custom approach to timber, you aren't limited to simple post-and-beam construction. Our manufacturing process uses computer-controlled machinery, giving you greater ability to construct unique shapes and forms. Build jaw-dropping sculptural expressions of timber that enhance the space, create a sense of place, and set your design apart.



EXPAND YOUR VISION

DIRTT Timber integrates seamlessly with the rest of our construction system and your base building. Whether it's framing walls with post and beam supports, powering up devices with modular electrical and networks, or creating bespoke elements to define your space, our precision manufacturing gives you a perfect fit every time. Our timber components give you a clean look with rapid, sequential installation no matter how you plan to use it.





Timber

SYSTEM FEATURES

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|----|---|
| 01 | Created with a combination of glue-laminated timber, cross-laminated timber, and other engineered wood products |
| | Supports sustainability goals as a renewable material that has sequestered CO ₂ from the atmosphere |
| 02 | Wood-on-wood joinery offers a clean aesthetic and a rapid, sequential installation process |
| 03 | Easily integrates with other products in the DIRT Construction System and other third-party construction elements |
| | Computer numerical control technology allows for complex angles, geometric patterns, and expressive design |

01



02



03



Technical Overview

TIMBER MATERIAL OPTIONS

Glue-laminated Timber (Glulam)

Cross-laminated Timber (CLT)

Stressed Skin Panels (SSP)

SIZE

Glulam length maximum 410 ½" (11.95 m)

Glulam width maximum 7 ⅞" (200 mm)

Glulam depth maximum 16 ⅞" (420 mm)

CLT length maximum 410 ½" (11.95 m)

CLT width maximum 23 ⅞" (600 mm)

CLT depth maximum 3 ⅞" (80 mm)

*Larger members and curved members can be custom ordered.



BUILD DYNAMIC SPACES

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