

LAMBOO[®]

ARCHITECTURAL AND STRUCTURAL BAMBOO

STRUCTURAL SYSTEMS

LAMBOO INC. IS DEDICATED TO THINKING OF THE ENVIRONMENT FIRST, AND MORE WAYS TO DEVELOP PROJECTS SO THAT THEY HAVE THE LEAST NEGATIVE IMPACT ON THE ENVIRONMENT, ENCOURAGING CLIENTS TO FOLLOW GUIDELINES DEVELOPED BY THE UNITED STATES GREEN BUILDING COUNCIL (USGBC) AND (LEED) LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN, AND BY USING THE MOST CUTTING EDGE AND SUSTAINABLE MATERIALS AVAILABLE.



LAMBOO INC. SERVICES:

WE PROVIDE ARCHITECTURAL AND STRUCTURAL ANALYSIS, SHOP DRAWINGS, CALCULATIONS, SYSTEM DESIGN ASSISTANCE, AND GENERAL CONSULTING TO ENSURE THE MOST ECONOMY, EFFICIENCY, SUSTAINABILITY, AND STRENGTH FOR YOUR PROJECT.

LAMBOO ARCHITECTURAL APPLICATIONS:

-STRUCTURAL: EXPOSED AND FINISHED BEAMS
8'-0" - 48' IN LENGTH, CURVED AND STRAIGHT.

-WINDOWS AND DOORS: EXTERIOR GRADE, AND/OR ALUMINUM CLAD EXTERIOR.

-INTERIOR FINISH SYSTEMS FOR INTERIOR DESIGNERS:
PANELS AND VENEER FOR ELEVATORS, OFFICES, AVIATION, NAUTICAL, AND FURNITURE.

STAIR COMPONENTS, STRINGERS, TREADS, HAND-RAILS.

WHO WE ARE:

WE ARE A GROUP OF INNOVATIVE ARCHITECTS, STRUCTURAL ENGINEERS, MATERIALS SCIENTIST, AND BIOTECHNOLOGY PROFESSIONALS ALWAYS PUSHING TOWARDS THE CUTTING EDGE OF SUSTAINABLE DESIGN TECHNOLOGY FOR THE CONSTRUCTION INDUSTRY.

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SIZES AVAILABLE:

- 8'-48' LONG
- 1-3/4" - 12" WIDE
- 4" - 4'-0" DEEP



LAMBOO STRUCTURAL EXPOSED BEAMS



CURVED

LAMBOO | 8" JOIST & OPEN WEB JOIST



Cold formed steel & pin webs

"IMAGINATION PRECEDES FACT" -C.S. LEWIS

WWW.LAMBOO.US
INFO@LAMBOO.US

STRENGTH, SUSTAINABILITY, AND INNOVATION

STRUCTURAL LAMBOO

THE LAMBOO PRODUCT LINE OFFERS A FULL ARRAY OF OPPORTUNITIES FOR YOUR NEXT PROJECT. THROUGH INNOVATIVE RESEARCH AND DEVELOPMENT WE HAVE EXPANDED THE USES OF BAMBOO IN TO STRUCTURAL BEAMS, TRUSSES, I-JOIST, AND HYBRID COLD FORMED STEEL JOIST FOR USE IN AESTHETIC APPLICATIONS. WITH OUR STAFF OF SEASONED ARCHITECTS AND ENGINEERS WE OFFER CONSULTING, SHOP DRAWINGS, AND DETAILED DEVELOPMENT STRUCTURAL SYSTEM ANALYSIS FOR EACH STRUCTURAL APPLICATION.

LOGIN TO THE STRUCTURAL SECTION OF THE WEBSITE FOR THE MOST CURRENT:

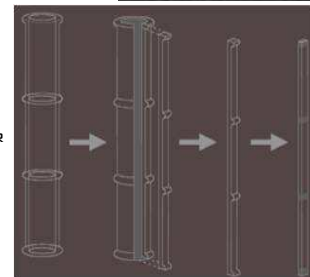
- SPAN CHARTS
- STRUCTURAL DATA
- CERTIFICATIONS

WWW.LAMBOO.US



L A M B O O P R O C E S S

- LAMBOO INC. HAS ISOLATED 4 OUT OF 1600 SPECIES SUITED FOR EACH ARCHITECTURAL AND STRUCTURAL APPLICATION
- THE BAMBOO IS HARVESTED BETWEEN 4-6 YEARS OF AGE FOR OPTIMAL HARDNESS AND STRENGTH
- THE BAMBOO IS THEN SLICED INTO RIBBONS, CURED TO THE PROPER MOISTURE CONTENT THEN ENGINEERED BACK TOGETHER VIA LAMBOO'S PATENTED PROCESS UTILIZING THE MOST SUSTAINABLE AND ECOLOGICAL ADHESIVES AND PROCEDURE TO ATTAIN THE BEST AND ONLY AVAILABLE STRUCTURAL BAMBOO ON THE MARKET.
- LAMBOO INC. IS THE ONLY COMPANY TO HOLD STRUCTURAL CERTIFICATIONS THROUGH ICC, AND ASTM FOR USE IN COMMERCIAL AND RESIDENTIAL APPLICATIONS.



L A M B O O F A C T S

- BAMBOO SEQUESTERS 35% MORE CARBON THAN TREES.
- PROCESSING LAMBOO TAKES 15% LESS EMBODIED ENERGY THAN WOOD AND 300% LESS ENERGY THAN STEEL AND ALUMINUM PRODUCTION.
- LAMBOO IS 20% MORE STABLE THAN WOOD IN MOISTURE AND TEMPERATURE CHANGES.
- LAMBOO IS 10 TIMES STRONGER THAN WOOD IN TENSION, AND IS AN AVERAGE OF 3 TIMES STRONGER MECHANICALLY.
- 80% OF ALL LAMBOO BEAM, AND JOIST PROCESSING TAKES PLACE IN THE USA.
- LAMBOO SOURCES BAMBOO FROM MEXICO, CENTRAL, AND SOUTH AMERICA, INDIA, AFRICA, AND CHINA, TO INSURE THE MOST EFFICIENT LOGISTICS TO YOUR PROJECTS WORLD WIDE.