

ReNüTec®

Renewable Technologies + Solutions

“The Strongest and Most Renewable Structural Material in the World”

rad**llam**®
radial laminated bamboo

www.renuteq.com

ReNüTec®

ReNüTeq® Frame™ - Series - RadLam® & VereLam™ Steel Connectors + SEB (Structural Engineered Bamboo)



Highest Performance

RadLam® is over twice the strength of any engineered Timber or Bamboo Product with an MOE of over 4,000 Ksi, and is manufactured in the United States. It's proprietary slat materials are sourced from the strongest bamboo species in the world. Guadua is locally sourced from Central America.

RadLam® RLB (Radial Laminated Bamboo) Is manufactured into Structural Components and Lam-Stock" for performance structural Glu-Lam and component applications.

Learn more about:
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Technology Overview

Renewable structural material technology SEB (Structural Engineered Bamboo) products: **RadLam®** is uniquely combined with expertly designed steel hardware to create structural solutions specifically for the client and project requirements.

ReNüTeq provides kitted structures made from the most rapidly renewable resource available. SEB (Structural Engineered Bamboo) is integrated seamlessly into commercial buildings/towers, roof structures, solar canopies, structural glazing, and Electric Vehicle Charging Structures.

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Standards - Certifications

- Structural Product Per ASTM 5456
- Complies to ICC-ES - AC47
- Engineered Bamboo ASTM 07.02.03
- Compliant to IBC (International Building Code)
- Certified - Exterior Grade - Type 1 - Adhesives
- Architectural Grade Finishes
- Exterior Rated Structural Materials.
- Conforms to European Norms

LEED V-4 - BREEAM Qualified

- MRc1 - Building Life Cycle Impact Reduction
- MRc3 - Building Product Disclosure - Sourcing
- EQc2- Low Emitting Materials (No added formaldehyde)
- INc1 - Innovation in Design -(Life Cycle/Environment Impact)





ReNüTeq has **implemented** patented technology that focuses on optimizing the highest performance fiber of the culm utilizing the highest **performance** species of bamboo in the world: **Guadua** sourced from Latin America is the largest and fastest growing, and is over **2 times stronger** than any other bamboo species making ReNüTeq's **SEB (Structural Engineered Bamboo)** products the strongest natural resource for the building industry.

The patent utilizes the outer layer of the culm while removing the lower strength fibers optimizing the highest performance fiber to engineer into structural products.

ReNüTeq implements its performance grade **SEB (Structural Engineered Bamboo)** **RLB (Radial Laminated Bamboo)** **RadLam®** "Lam-Stock" into performance structural and component applications. ReNüTeq works with Glue-Lam & Structural Beam Fabrication partners internationally in **USA, Germany, Italy, and Japan** to integrate its products seamlessly into projects around the world.