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Photography by Katsuhisa Kida, FOTOTECA



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EVOLVE WOODEN CONSTRUCTION, TOGETHER

Woodist® YAMASA MOKUZAI

Woodist®
山佐木材株式会社



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【Japanese Agricultural Standards (JAS) certification】

Structural lumber	JLIRA-B-66-13
Structural glued laminated timber	JPIC-LT192 (F☆☆☆☆)
Glued laminated timber for fixtures	JPIC-LT192 (F☆☆☆☆)
Cross-laminated timber	JPIC-CL2 (F☆☆☆☆)

【Registration and licenses】

Second Class Architect's Office registered by Governor of Kagoshima No. 2-2-37
Construction License issued by Governor of Kagoshima (General-29) No. 15360
Green Procurement certified by Japan Laminated Wood Products Association No. 30-068
Clean Wood Type I Registered Wood-related Business Entity JPIC-CLW-I-67
Clean Wood Type II Registered Wood-related Business Entity JPIC-CLW-II-67

【Forest certification】

FSC® CoC certification obtained on April 25, 2016
SGEC CoC certification obtained on April 25, 2016



SGEC/31-31-1004



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Trees and wooden architecture

1>> Characteristics of trees

- Trees store water and act as a water resource. They spread their roots and help with land conservation.
- Trees resist deformation when exposed to heating for a short time in a fire. Large cross sections of wood form a char layer on the surface that extends the time until the member burns out.

2>> Environment created by trees

- Trees release phytoncides that relieve tension, calm the mind, and help stave off fatigue.
- The scent of wood is believed to promote immune cell activity and improve our immunity.
- Used in residential spaces, wood provides an effective means of mite control.

3>> Traceability for the sustainable development goals (SDGs)

- Used in buildings, wood releases oxygen and contains carbon, helping to mitigate global warming.
- Using wood of legal origin ensures appropriate management and sustainable use of forest resources, and helps protect the terrestrial ecosystem.
- Working with the forest, forestry, wood processing, and wooden architecture industries ensures we connect with the local community and stimulate the local economy.

Greetings from the President

Since our founding in 1948, we have engaged in lumber manufacturing as our main business while branching out to wooden architecture with a focus on local Sugi cedar.

At present, we are working to expand the use of Japanese lumber, primarily Sugi cedar and Hinoki cypress, in three fields:

- 1) Lumber and other residential building materials
- 2) Small, medium, and large size glulam for nonresidential wooden architecture
- 3) CLT and SAMURAI* glulam for promoting the use of wood in conventionally non-wooden architecture

With wood garnering attention as a main building material today, we hope to continue enhancing our wood use, precut, and quality assurance capabilities, and working with honesty and sincerity toward re-establishing wood as the standard material in architecture.

※Original Product, Timber-steel Hybrid Beams.

Hiromi Arima
President, Yamasa Mokuzai Co., Ltd.

Research and development

Wooden architecture is changing rapidly in recent years. We promote the use of wood particularly in medium- and high-rise buildings. As a wood engineering company experienced in every step from lumber manufacturing to wood construction, we offer proposals and conduct testing and R&D to explore ways to incorporate wood into the client's building design. We also develop new hybrid wood materials in-house toward promoting the use of wood in buildings that were conventionally difficult to make from wood.



CLT for Multi-story buildings

We conducted testing in a project commissioned by the Forestry Agency, and in May 2016 we received approval from the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) for CLT flooring with two-hour fire resistance. This enabled us to use CLT in the flooring of both wooden and steel-frame medium- and large-scale nonresidential buildings that require fire-resistant construction.



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Photo courtesy of Mitsubishi Estate Co., Ltd.

Main businesses

We offer products focused on Japanese lumber (Sugi cedar and Hinoki cypress), produced under stringent quality control in an integrated system covering lumber manufacturing, drying, glulam and CLT manufacturing, and finishing. Using these products as a base, we engage in structural design, precut, construction, for large-scale special wooden buildings.

