

Cleveland hunting pavilion

Cleveland Ohio, US



Project details

Client	Blumer-Lehmann AG
Architecture	RDAI
Project type	Art and culture
Construction type	Free Form
Services	Timber construction
Construction	2016
Locality	Cleveland
Country	USA

The canopy of the forest

This eye-catching timber structure stands in the private 'Hunting Valley' park in Cleveland and consists of 90 free-flowing laminated beams. The large oval base transitions as it climbs upwards to a round opening and the lightweight structure becomes denser.

Sustainably produced Accoya wood was selected as the material for the pavilion, which was bonded into beams using a special method. The pinewood's natural robustness was reinforced by treatment with acetic anhydride, so that the wooden beams meet the requirements of the highest durability class. Even in the weather-exposed environment, a lifespan of 50 years is guaranteed. Furthermore, the pinewood, which is treated to the core, is less likely to be infested by wood-destroying fungi or insects.

The pavilion was designed by the company RDAI from Paris. After the six-month award phase, a further six months were spent in close collaboration with Julia Capp and Mathieu Alfandary (RDAI), and Klaas De Rycke and Louis Bergis (Bollinger + Grohmann Ingénierie) from Paris on the planning, development of the production process and production at Erlenhof in Gossau, Switzerland. After a trial installation in Switzerland, the laminated beams were shipped by sea to Ohio. The assembly also proved exciting and kept our three-person team busy in the USA for about three weeks.

Specific Contact



Daniel Bucher

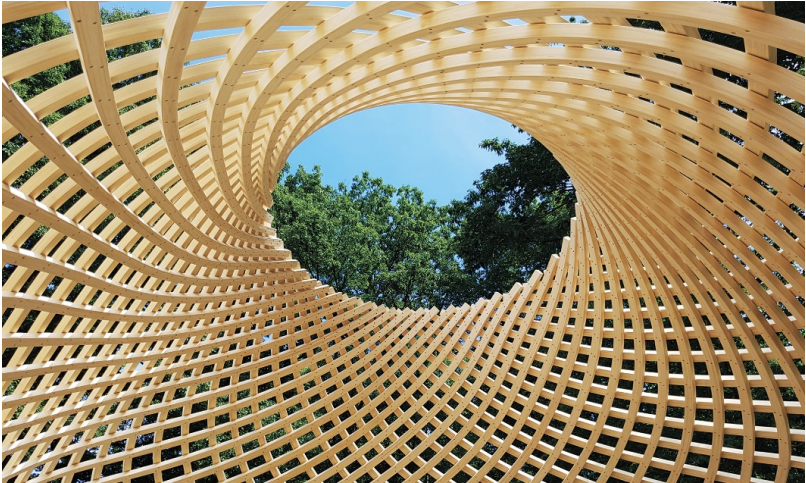
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View of surrounding greenery from the pavilion



Close-up of the free-form construction



General view of the pavilion

View of surrounding greenery through the free-form supporting framework