

NEW-BUILD CITÉ MUSICALE DE L'ÎLE DE SEGUIN | PARIS, FRANCE

WOOD CONSTRUCTION



© HESS TIMBER + Mathias Hofmann



© HESS TIMBER + Mathias Hofmann

Client

Hess Timber GmbH
Am Hundsrück 2
DE-63924 Kleinheubach

Architect

Shigeru Ban Architects Europe, FR-Paris
Jean de Gastines Architects, FR-Paris

Year of construction

2014-2016

Planning contract

- Structural design
- Test planning and execution

- Structural analysis
- Sensitivity analyses concerning the inter-action of wood, steel, glass and concrete structures

Project description

On Seine-Island there is an outstanding concert hall with a shell of wood and glass. The freely shaped wooden supporting structure measures 45x70m and spans freely up to the roof at a height of 30m. The glulam blanks were glued in 3-dimensional curves and all surfaces were precisely milled over with NC technology. Settlements in combination with brittle structures such as glass are an enormous challenge for concept and dimensioning. At the same time, architect Shigeru Ban demands connections that are as steel-free as possible.



WIR GESTALTEN RÄUME
FÜR MENSCH + NATUR

TIEFBAU

LANDSCHAFTS-
ARCHITEKTUR

HOLZBAU

MASSIVBAU

BRANDSCHUTZ