

NON-RESIDENTIAL & COMMERCIAL CONSTRUCTION

## THEATERPAVILLON VIDY LAUSANNE

The theater building, with a striking architectural design, is a masterpiece of engineering. The statics used in the modern timber construction, with a span of more than 20 meters, involve no supports and not even any nails or screws. That is a first. The construction is reminiscent of Japanese origami art, in which the folds alone, without any fixings, provide the statics. The work of art was made possible by cooperation between the timber construction company Blumer-Lehmann AG and the IBOIS research laboratory of the nearby École polytechnique fédérale de Lausanne (EPFL).

Project owner	Théâtre Vidy-Lausanne
Architect	Yves Weinand architecte Atelier Cube SA
Timber building company	Blumer-Lehmann AG
Board-cut	Schilliger Holz AG, Balteschwiler AG
Year	2017
Construction	Timber construction
Renggli's responsibility	Prefabrication of exterior walls, precast floor sections and platform

