

# ETH ZURICH NEW-BUILD ITA-ROOF | ZURICH

## WOOD CONSTRUCTION



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### Client

ETH Zürich Immobilien  
Kreuzplatz 5  
8032 Zurich

### Architect

ETH Zurich  
Institut for technology in architecture  
Stefano-Franscini-Platz 5  
8093 Zurich

### Year of construction

2010-2016

### Planning contract

- Support of the research project „Roof construction Arch\_Tec\_Lab“ in practical building terms
- Support of the planning team in the preparation of the tender documents for timber construction
- Implementation of PQM during execution

### Project description

As part of a research project at ETH Zurich a new type of roof construction was developed. As a result, individual, small beams were laid with a robot to form a framework and nailed together. This meant that each beam could be joined together in a slightly offset manner, resulting in this full-surface supporting structure and undulating roof.



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