



Timber-Steel Hybrid Beams for Multi-Storey Buildings: Design Criteria, Calculation and Tests

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Summary:

Timber-steel hybrid elements are structurally reliable, clean and fast to assemble and disassemble, light, ecologic and economic. Design criteria and a calculation model for beams were developed and a series of real scale tests were carried out in order to check their performance. The results proved to be satisfactory and promising for the final objective of building structural frames for different types of multi-story buildings.

Online Access: Free

Resource Link

http://schr.ws/hosted_files/wcte2014/2c/ABS675_Pixner_web.pdf