



Analysis of Shear Transfer and Gap Opening in Timber–Concrete Composite Members with Notched Connections

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Application: General Application

Topic: Connections
Mechanical Properties

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Analytical Model
Shear Stress
Failure

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Timber-Concrete Composite Slabs Made of Beech Laminated Veneer Lumber

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Material: LVL (Laminated Veneer Lumber)
Timber-Concrete Composite

Application: General Application

Topic: Mechanical Properties
Design and Systems

Keywords: Beech
Notched Connections
Stiffness
Load Carrying Capacity
Reliability
Ductility
Analytical Model

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p. 167-176

Summary:

This paper focuses on the structural behaviour of timber-concrete composite slabs made of beech laminated veneer lumber (LVL) plates with notched connection. In general, timber-concrete composite members are usually made of softwood, and are able to offer several advantages compared to reinforced concrete slabs and timber...

Online Access: Free

Resource Link

<http://repositum.tuwien.ac.at/obvutwoa/content/pageview/1567591> ↗