



The Charring Rate of Glulam Beams of Brazilian Wood Species

<https://research.thinkwood.com/en/permalink/catalogue1771>

Author: Martins, Gisele
Munaiar Neto, Jorge
Calil Junior, Carlito

Year of Publication: 2016

Country of Publication: Austria

Format: Conference Paper

Material: Glulam (Glue-Laminated Timber)

Application: Beams

Topic: Fire

Keywords: Charring Rate
Brazil
Density
Fire Test

Language: English

Conference: World Conference on Timber Engineering

Research Status: Complete

Notes: August 22-25, 2016, Vienna, Austria
p. 5302-5309

Summary:

The combustibility of timber is one of the factors that restrict the use of structural elements of wood in buildings in Brazil. This paper describes an experimental investigation of the charring rate of wood species. The charring rate is one of the key parameters for the design of load bearing timber structures. The purpose of this study is...

Online Access: Free

Resource Link

<http://hdl.handle.net/20.500.12708/172> [↗](#)