



Evaluate Bearing Stress of Glulam Using Digital Image Correlation

<https://research.thinkwood.com/en/permalink/catalogue687>

Author: Jeong, Gi-Young
Park, Moon-Jae

Year of Publication: 2014

Country of Publication: Canada

Format: Conference Paper

Material: Glulam (Glue-Laminated Timber)

Application: General Application

Topic: Connections
Mechanical Properties

Keywords: Digital Image Correlation
Drift Pins
Bearing Stress
Strain Distribution
Fracture Behaviour

Language: English

Conference: World Conference on Timber Engineering

Research Status: Complete

Notes: August 10-14, 2014, Quebec City, Canada

Summary:

The goal of this study is to evaluate the effect of different sizes of drift pins (12mm, 16mm, 20mm, 30mm) and six orientations of glulam associated with pin positions (RL, TL, LR, TR, LT, RT) on bearing stress and strain distributions of glulam using di...

Online Access: Free

Resource Link

http://schr.ws/hosted_files/wcte2014/16/ABS375_Jeong_web.pdf