



Finite Element Modelling of Moisture Related and Visco-Elastic Deformations in Inhomogeneous Timber Beams

<https://research.thinkwood.com/en/permalink/catalogue425>

Author: Ormarsson, Sigurdur
Dahlblom, Ola

Publisher: ScienceDirect

Year of Publication: 2013

Country of Publication: Netherlands

Format: Journal Article

Material: Glulam (Glue-Laminated Timber)

Application: Beams

Topic: Mechanical Properties
Moisture

Keywords: Inhomogeneous
Finite Element Model
Axial Deformation
Lateral Deformation
Shrinkage
Mechanosorption
Visco-Elastic

Language: English

Research Status: Complete

Series: Engineering Structures

Online Access: Free

Resource Link

http://orbit.dtu.dk/files/51980775/Paper_Ormarsson_Dahlblom_2012_ReSub_Final.pdf