



WoodST: an advanced modelling tool for fire safety analysis of timber structures

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Date: January 2021

Genre du document: Research report

Description physique: 5 p.

Secteur: Wood Products

Domaine: Sustainable Construction

Champ de recherche: Advanced Wood Materials

Sujet: Fire
 Models
 Performance
 Timber

Langue: English

Résumé: WoodST is capable of calculating heat transfer, charring rate, load-displacement curve as well as the time and mode of failure of timber structures exposed to fire, thus providing a cost-competitive solution for the fire safety analysis of timber structures. This InfoNote briefly introduces the development and verification of WoodST. Two applications of WoodST are also demonstrated.

Documents



InfoNote2021N1E.pdf

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