



Construction of two demonstration houses employing sugar cane rind building materials

<https://library.fpinnovations.ca/en/permalink/fpipub38255>

Author: Onysko, D.M.
Shields, J.A. (Jack)

Contributor: Canadian International Development Agency

Date: June 1980

Material Type: Research report

Physical Description: 76 p.

Sector: Wood Products

Field: Sustainable Construction

Research Area: Advanced Wood Materials

Subject: Residential construction
Research
Building construction

Location: Ottawa, Ontario

Language: English


Abstract: Building construction - Research
Building research - Residential
Board Products - Sugar Rind

Documents



E860.pdf

 Read Online

 Download

Fire safety design for non-residential buildings

<https://library.fpinnovations.ca/en/permalink/fpipub42202>

Author: Mehaffey, J.R. (Jim)



Date: March 2003
Material Type: Research report
Physical Description: 15 p.
Sector: Wood Products
Field: Sustainable Construction
Research Area: Building Systems
Subject: Safety
Residential construction
Design

Series Number: General Revenue 2400

Location: Sainte-Foy, Québec

Language: English

Abstract: The wood products industry wants to expand its market share in non-residential buildings. This is a challenging goal because building codes exhibit a bias against the use of wood products, particularly in the construction of non-residential buildings. The move towards adoption of performance-based building codes offers the promise of eliminating such biases. However, in order to be prepared for the introduction of performance-based codes, architects, engineers and building code officials have pointed out the need for engineering tools to assess the fire performance of buildings.

This five-year project was initiated to develop fire-safety design tools for non-residential wood-frame buildings, and to foster development and delivery of educational programs to train students and practitioners in performance-based fire-safety design. In order to achieve these goals an NSERC Industrial Research Chair in Fire Safety Engineering was established at Carleton University in March of 2001. This report summarises the progress towards these goals made by the Chair in the first two years of his tenure.


Non-residential buildings

Fire safety design

Documents



E3784.pdf

 Read Online

 Download