New Innovations in Sustainable Residential Timber Design Seminar

25th July 2019
WoodSolutions™: Who we are

An Australian industry initiative, resourced by Forest and Wood Products Australia (FWPA) –

For architects, engineers, designers and other building professionals

- inspiration
- information & resources
- education
- CPD.

Alastair Woodard
WoodSolutions Program Manager Vic
What WoodSolutions provides

Events

Technical Design Guides (48+)

Interactive Website

Sponsorships

Technical Tutorials

Mid-rise Advisory
WoodSolutions Case Studies

From innovative timber building systems to historical restorations, artists' studios to education facilities, detached houses to office blocks – you’ll find an inspiring and informative range of case studies at WoodSolutions.

- **Search the case study list here**

Or explore these examples. **Click on the button to link to the project.**

- **The Zurich Elephant House – a CLT engineering feat.**
  A compound of some 22,000 m² with a 6,800 m² shelter under a wooden free form cupola spanning 80 m.

- **Kooyong Road Residence – a meeting of two worlds.**
  Traditional Victorian segues to a striking modern renovation in this polished project.

- **Armada House – a striking statement in timber.**
  A combination of timber products feature in this 492m² dwelling n the mountains of Victoria, British Columbia.

- **The Library at the Dock – Glulam and CLT combine**
  Australia’s first community building to use massive timber construction system, the Library at the Dock has a 6 star green rating.
WoodSolutions Ask an Expert

Here’s a treasure chest of information – questions and answers on topics ranging from fixings and finishes to building code compliance and species suitability.

Ask an Expert categories include:

- Environment, sustainability and recycling
- Exterior timber and decking
- Forestry, wood processing and certification
- Interior timber and flooring
- Preservative treatments and finishes
- Species, hardwoods and softwoods
- Standards, codes & compliance
- Structural
- Wood products
- Other

Search for whatever you need

WoodSolutions Ask An Expert email service

To submit a question by email here

*Please note call charges are:
Landline callers in metro:
Melbourne - 13.8¢ per minute
Other Australian landline callers - 15¢ per minute
Mobile callers - 15¢ per minute
This service is not available to international callers.
Written by experts in their fields, WoodSolutions technical design guides are designed to provide design and build professionals with authoritative, accurate, up-to-date information.

Covering a broad range of topics they are available as:

- **individual downloads from WoodSolutions**
- **hard copy booklets from SAI Global**

Compressed files of CAD drawings in all popular formats are available for download from the web pages of individual design guides.

See some sample design guide titles here:

- **#2 Timber-framed Construction for Multi-residential Buildings Class 2, 3 & 9c** - Information about complying with the fire and sound performance requirements in the BCA for Class 2, 3 and 9c buildings.
- **Domestic Timber Deck Design** - Detailed information about the design, construction and maintenance of domestic timber decking.
- **#3 Timber-framed Construction for Multi-residential Buildings Class 2, 3 & 9c** - Information about complying with the fire and sound performance requirements in the BCA for Class 2, 3 and 9c buildings.
- **#1 Timber-framed Construction for Townhouse Buildings Class 1a** - Information about complying with the fire safety and sound insulation performance requirements in the BCA for Class 1a attached buildings.

Please note: Hard copies of most Guides are available for purchase from SAI Global.
Technical Design Guides

Build your timber reference library with free Technical Guides

50,000+ free technical downloads a year

Updates and new titles ensure currency

The result of input from industry specialists and years of research, WoodSolutions technical design guides give you instant access to a comprehensive reference library.

Over 40 guides cover aspects ranging from design to durability, specification to detailing. Including worked drawings, they are an invaluable resource for ensuring timber-related projects comply with the National Construction Code (NCC).

The latest guides also cover the recent NCC code changes relating to height provisions for timber-framed and massive timber buildings. New titles will be added throughout the year.

Discover more at WoodSolutions.com.au
The website for wood.
18th Awards Presentation Event
Date: 17 October 2017
Venue: Crown Towers, Crown Melbourne
WoodSolutions Events Calendar

WoodSolutions Seminar

Event Calendar

June 2018

- WoodSolutions Tour, Melbourne, Wollongong & Sydney
- Timber in Southern Tasmania, Timber for Internal Use: Timber Use & Design
- Tasmanian Timber (Tasmanian Oak, etc.)
- WoodSolutions Symposium, Timber Construction: Light Weight & Load Bearing
- Tasmanian Timber (Tasmanian Oak, etc.)
- WoodSolutions Tour, Melbourne, Wollongong & Sydney
- Australian Institute of Architects National Architecture Conference (AIA)

Want to see your event here?

WoodSolutions Seminar

New Innovations in Sustainable Residential Timber Design Seminar

Timber continues to be the preeminent material in residential design and construction because it is natural, sustainable, easily workable, thermally efficient, when specified and finished correctly - durable and long-lasting, and because it is simply inspirationally beautiful!

However, appropriate design and specification are critical in delivering innovative, effective and cost-efficient residential construction solutions. This seminar will focus on the key considerations providing clear and practical illustrations of best practices and processes.

This seminar brings together a selection of leading industry experts in this field to present, discuss and showcase:

- Innovative and creative architectural design using sustainable timber products,
- Practical and efficient structural detailing and supply,
- Designing for fire compliance for external claddings and buildings in bushfire-prone areas,
- High performance timber flooring specification, and
- Innovative applications of the new engineered wood product - cross laminated timber (CLT) in residential projects.

An update will also be provided on the WoodSolutions program and the suite of support resources now available to building professionals.

This seminar is a must for all building and design professionals!

Date
Thursday 25th July 2019

Venue
Library at the Dock, Docklands

Time
12:15 pm registration
12:30 - 5:00 pm

CPD
4.0 informal CPD points available for attendance

Cost
FREE for all design and building professionals

RSVP early – limited places
Registrations close Friday, 19th July 2019
Today’s Seminar

WoodSolutions Seminar

- Passive Butterfly project – EME Design
  Winner of the Single Dwelling (Alteration & Addition) and Best of the Best categories at the 2018 Sustainability Awards

- Newell Pavilion project – EME Design

- Courtyard House project – EME Design

- Residence at Merrawarp Rd Ceres, Victoria – Level Architecture using Xlam CLT

- Engineered hardwood timber flooring – ASH

- New Innovations in Sustainable Residential Timber Design Seminar

- Residential Floor Cassette Systems
Today’s Seminar Program

Creativity and Innovation in Sustainable Residential Timber Design
Luke Middleton, Director, EME Design

Efficient Residential Structural Design and Supply Specification
Nick Cui, Manager - Technical Manager, Pryda

High Performance Timber Flooring – Improved Technologies, Lifecycle
Daniel Wright, Marketing Manager, Australian Sustainable Hardwoods,

Afternoon Tea and Networking

Benefits of Using CLT in Residential Timber Construction
Tyson Infanti, Contracts Manager, XLam

External Timber Claddings & Timber in Bushfire Prone Areas
Boris Iskra, National Codes and Standards Manager, FWPA

5.00pm Finish
Presentations, CPD

WoodSolutions Seminar

New Innovations in Sustainable Residential Timber Design Seminar

Program

12.30pm  Welcome & WoodSolutions Update - Alastair Woodard, WoodSolutions

Creativity and Innovation in Sustainable Residential Timber Design
  Luke Middleton, Director, EME Design

Efficient Residential Structural Design and Supply Specification
  Nick Cui, Manager - Technical Manager, Pryda

High Performance Timber Flooring – Improved Technologies, Lifecycle
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5.00pm Finish

FEEDBACK FORM

We would appreciate it if you could take a few moments to complete this form to let us know how we did, and what could be done better in the future.

1. Overall, how did you feel about today’s seminar?

2. Of the presentations provided which did you find of most interest and value?
   - Creative & Innovation in Res Timber Design
   - Residential Structural Design & Specification
   - High Performance Timber Flooring
   - Benefits of Using CLT in Res Construction
   - External Claddings & Bushfire Prone Areas

3. How would you assess the skills and ability of today’s speakers?

   Low 0 1 2 3 4 5 6 7 8 9 10 High

   Comment: ____________________________________________________________

4. How do you think that the seminars might be improved to better serve your needs?

   Would you prefer?
   - More detail
   - Less detail, or
   - Detail level was OK

5. In future seminars, what other major topics would you like to see covered?

   ____________________________________________________________

   I would like to be emailed PDF copies of the following Seminar presentations
   - Creative & Innovation in Res Timber Design
   - Residential Structural Design & Specification
   - High Performance Timber Flooring
   - Benefits of Using CLT in Res Construction
   - External Claddings & Bushfire Prone Areas

   I would like a CPD Certificate for Attendance at today’s Seminar (Informal CPD points)

Name: .............................................................

Company: ..........................................................

Email address: ...........................................................
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