

Broadcast Builder Edition 4

Further Reading & Resources

This document supplements the interviews on Broadcast Builder Edition 4.

All links are in [red](#).

Every effort was made to provide correct information and links in this document. Please advise us if any links do not work or if the content needs to be updated

info@broadcastbuilder.com.au

Last updated, 24th May, 2010

Contents

- [Track 2 – Timber Decks \(notes for Part 1 & Part 2\)](#)
- [Track 3 - Low E high performance glass](#)
- [Track 4 – Building Code of Australia 2010](#)
- [Track 5 – Dial Before You Dig](#)
- [Track 7 – Security of Payments Act – see important updates](#)
- [Track 8 – Scaphoid Fracture](#)

Click to return [Home](#) | [Online Learning Centre](#)

Track 2

Timber Decks: Reduce your chances of costly call-backs

Timber decks are a common cause of consumer complaints and costly call-backs for residential builders.

The following resources could assist you to improve the way you construct them:

1. The **Wood. Naturally Better.™ website**, www.naturallybetter.com.au is a directory of information and resources related to timber and wood products in Australia.

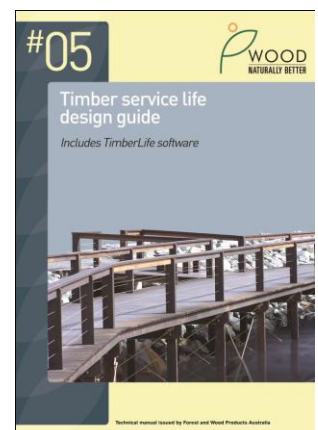
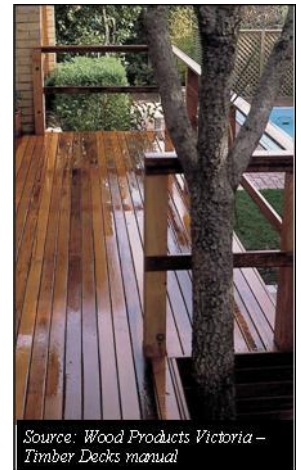
- **Ask an expert**
Do you have a question about timber decks?

The team at **Wood. Naturally Better™** can answer your questions.

- Browse the **Working with Wood** section for more resources
2. The NSW Timber Development Association (TDA) website www.timber.net.au includes a whole section related to timber decks

- **Timber Decks**
- **Outdoor Timber**
- **Handrails & Balustrades**
- **Treated Timber**
- **Exterior Timber Users Guide**

3. Free guide – **Building with Timber in Bushfire Prone areas** (FWPA)
4. Free Guide – **Construction in Bushfire Zones** (Carter Holt Harvey)
5. **Timber Service Life Design Guide** – Free guide book on software to assist correct selection of timber (FWPA)



Return to [Top](#) | [Online Learning Centre](#)

Track 3

- Low E glass: **Helping you build 6 star homes**

“Low E” refers to Low Emissivity. It’s the measure of the ability of the surface of an object to emit the heat it absorbs. So the lower the emissivity the less it radiates heat.



Ordinary glass is a very poor insulator and allows heat to radiate and flow through it very easily. Low E glass reduces this radiation, lowering the total heat flow through the glass and dramatically improving its insulation performance. In colder months this helps to keep heat generated from heaters inside buildings.

When Low E is coupled with solar control glass it can also be designed to reduce the heat radiating into the building. So it acts as a second line of defence by reducing the amount of absorbed heat by the glass from then being re-re-radiated back into the building.

Low E performance glass can help you achieve new energy efficiency standards because when you choose the right type for your specific application it can reduce the amount of artificial heating and cooling required to maintain a comfortable temperature in a building.

Hard coat pyrolytic Low E glass is available for use in both single and double glazed windows. Hard-coat Low E glass is made when the glass is still in its molten form to bond the special coating to the surface of the glass, making it durable and suitable for use in both double and single glazed window solutions. More information on how performance glass works to improve the energy efficiency of homes:

1. Visit SeeBeyondWindows.com:

- What is Low E performance glass?
- Changes to building regulations
- Guidelines for selecting windows for different climates
- Benefits of high performance glass and good window orientation
- Contact quality [Window suppliers](#) in your area
- Provide your clients with information about high performance windows



2. Viridian Glass website:
 - [Energy Codes and Glass](#)
 - [Viridian Glass product selection and applications](#)
 - [Glass Types](#)
3. [Australian Window Association](#) noticeboard
4. See further reading Track 4 for general resources related to energy efficiency



Track 4

Changes to the BCA 2010

The BCA 2010 came into effect on 1st May 2010. This year it is particularly important for residential builders to get a copy of the new BCA because it includes significant changes

- [Get 14 days free access to the BCA online](#)
- [Purchase the BCA 2010](#)
- [Get a summary of the changes in the BCA 2010](#)

Like in previous years, some States/Territories have not adopted all of the codes and regulations in the BCA 2010. To ensure you meet the minimum requirements in your jurisdiction, check with your building authority. Some state specific energy efficiency resources:

- Queensland energy efficiency general summary - [6 Star energy ratings for homes](#)
- South Australia general summary – [Energy Efficient Housing](#)
- Western Australia – [Building Commission statement](#)
- Victoria – [PowerPoint presentation from Building Commission – Summary of changes](#)
- Tasmania – [Workplace Standards Tasmania – energy efficiency](#)
- NSW - [energy efficiency facts BCA 2010](#)

[Return to Top](#) | [Online Learning Centre](#)

Track 5

Dial Before You Dig

Visit the DBYD website www.1100.com.au to find answers to all of your questions about their service.



Track 7

Security of Payments Act

Correction: All States/Territories in Australia have Security of Payments legislation. It may be called different names, however, in all cases it has been implemented to help speed up and decrease the costs associated with the recovery of payments in the building and construction industry.

South Australia has Security of Payments legislation but it is not in operation yet.

In most cases the legislation does not relate to the home owner. However, in Tasmania it also applies to contracts between builders and home owners in the domestic building and maintenance environment.

The following links will provide you with State specific information and resources that could help you understand the legislation better:

- [Victoria – A Building Commission Summary](#)
- [NSW – Government information](#)
- [Queensland](#) – the legislation is known as the Building and Construction Industry Payments Act
- [Tasmania – Government information](#) – important – in Tasmania the Act relates also relates to home owners
- [Western Australia](#) – the legislation is known as the Construction Contracts Act
- [Northern Territory](#)
- [SA – Government information](#) – the Act for SA is on this website – remember it is not in operation yet.
- [ACT – Government information](#)

Track 8

Scaphoid fractures – common wrist injuries

Further information:

- [What is a Scaphoid Fracture?](#)
- State work safety authorities

[Click to return Homepage](#) | [Top](#) | [Online Learning Centre](#)