

Architectural
Products



Edition 1
2010

Architecturally Inspired Timber Solid Profiles

Natural Form
Natural Feel
Natural Qualities
100% Natural



Table of Contents

1. Technical Specification
2. Interior Lining Boards
3. Cedar Exteriors
4. Western Red Cedar Boards
5. Manufacturing
6. Profiles Summary

Front Cover

Photograph is courtesy of Burbank Homes. The image depicts Tilling Architectural profiles installed into an Alfresco dining room application.



Tilling Timber Pty Ltd
31-45 Orchard Street Kilsyth , Victoria, 3137
Phone: (03) 9725 0222
www.tilling.com.au

The role of Wood. Naturally Better.™ is to provide information about Australia's forest and wood products.

Wood. Naturally Better.™ is resourced by Forest and Wood Products Australia. It is a collaborative effort between FWPA members and levy payers, supported by industry peak bodies and technical associations.



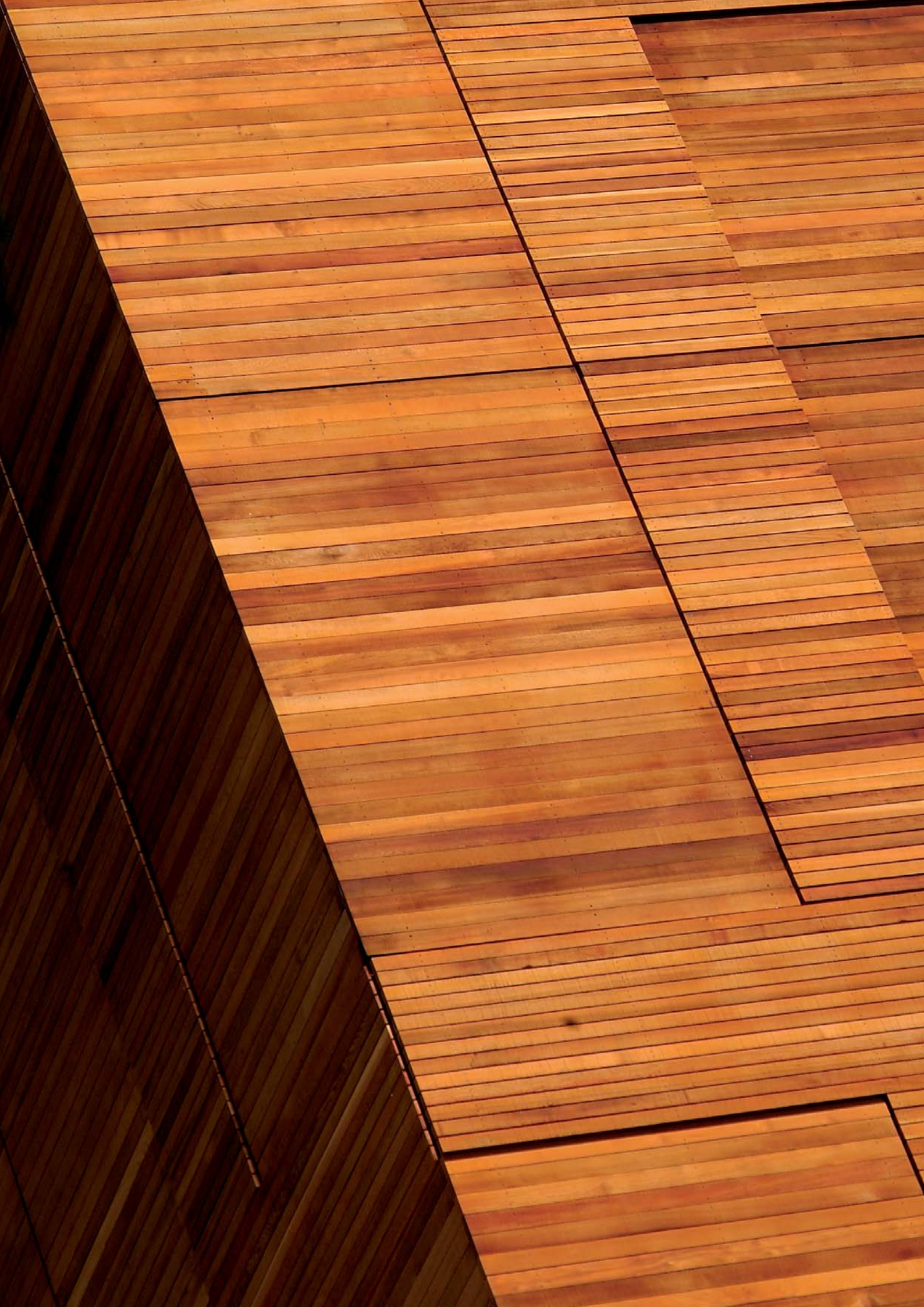
This work is copyright and protected under the terms of the Copyright Act 1968 (Cwth). All material contained within shall not be reprinted, or transmitted without the express permission of Tilling Timber Pty Ltd.

Tilling Timber Pty Ltd makes no warranties or assurances with respect to this publication, including merchantability, fitness for purpose or otherwise unless expressly stated within the document.

Tilling Timber Pty Ltd and all persons associated with it exclude all liability (including liability for negligence) in relation to any opinion, advice or information contained in this publication or for any consequences arising from the use of such opinion, advice or information.

The graphic representations contained within this publication are an artists interpretation only. As such dimensions and overall product shape may differ slightly. Always consult your local timber merchant and secure a sample of the product you intend to use.

Tilling Standard Terms and Conditions of Sale Apply to all sales of this product.



Technical Specifications

Western Red Cedar
Tasmanian Oak
Jarrah

Common Name

Western Red Cedar

Species

Thuja Plicata

Density (12%mc)

380kg/m³

Durability

Durable Species

Fasteners

Corrosion Resistant
(Aluminium, Hot-dipped
Galvanised, Stainless
Steel, Silicon Bronze)

Common Name

Tasmanian Oak

Species

Eucalyptus Delegatensis

Density (12%mc)

700kg/m³

Durability

Durable Species

Fasteners

Corrosion Resistant
(Aluminium, Hot-dipped
Galvanised, Stainless
Steel, Silicon Bronze)

Common Name

Jarrah

Species

Eucalyptus Marginata

Density (12%mc)

820kg/m³

Durability

Very Durable Species

Fasteners

Corrosion Resistant
(Aluminium, Hot-dipped
Galvanised, Stainless
Steel, Silicon Bronze)



Photograph courtesy of Burbank Homes



Western Red Cedar has one of the longest life spans of any North American Softwood. It produces long lengths of timber with true, straight grain.

Light weight, easy to work with, easy to finish, possessing outstanding dimensional stability, cedar is a preferred wood for nearly all purposes where attractive appearance or resistance to weather is important.

WRCEA

www.wrcea.org



Interior Lining Boards

Tilling produce an extensive range of Raw and Pre-finished architecturally designed interior lining boards.

Tilling Pre-finished Lining Boards create an instant impression on interior walls and ceilings. They're perfectly finished with 4 coats of satin 'Ultra Violet' cured polyurethane ready to install.

The Pre-finished range now comes in three timber species giving you a choice in both colour and texture to complement your interior space. And, at Tilling, we source timber from sustainably managed and harvested forests in Australia and across the globe.

Photographs courtesy of Metricon.

Kiln dried to maximise stability, uniformity and certain performance, our skilled tradesmen use precision machinery to ensure that Tilling Architectural Pre-finished lining boards are manufactured to perform in both domestic and commercial applications.

Product Features

- Pre-finished with four coats of cured Satin Finish Polyurethane
- Ability to End Match
- Solid Timber, a natural choice
- Premium grade Western Red Cedar, Tasmanian Oak and Jarrah
- No special tools required
- Easy to work with
- Light to handle
- Ability to create slight curves

Applications

- Interior wall and ceiling linings
- Feature walls
- Back lining to exposed rafters
- Commercial interiors
- Shop fit-outs
- Furniture in-fill applications
- Cabinet work



Internal Lining Board Profiles

Standard Raw



Profile Code	Cover (mm)	Thickness (mm)	Specie
PV4	86	12	Tasmanian Oak
PV5	114	12	Tasmanian Oak
PV6	137	12	Tasmanian Oak
PSNV4	86	10	Western Red Cedar
PSNV6	137	10	Western Red Cedar
CPV6	133	15	Western Red Cedar



PSN24	82	10	Western Red Cedar
PSN26	133	10	Western Red Cedar
PSN26	133	12	Tasmanian Oak
CP26	133	15	Western Red Cedar



PSNR5	108	12	Tasmanian Oak
PSNR6	133	10	Western Red Cedar



PVR4	83	12	Jarrah/Tasmanian Oak
------	----	----	----------------------

Pre-finished



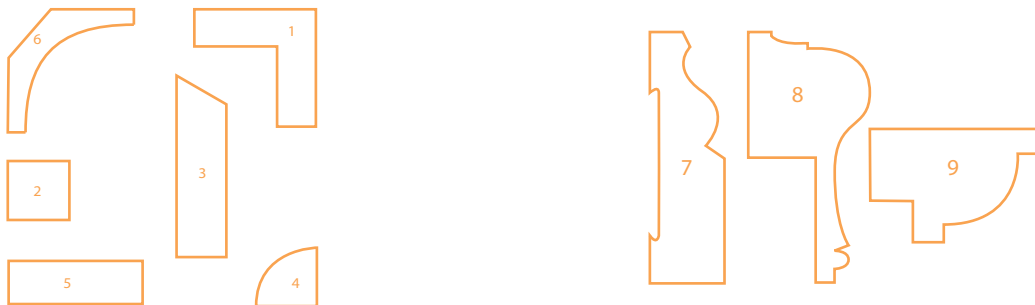
PSNV4	86	10	Western Red Cedar/Jarrah
PV4	86	12	Tasmanian Oak/Forrest Red
PSNV6	137	10	Western Red Cedar
PV6	137	12	Tasmanian Oak

Pre-Finished Mouldings

Profile Name	Size (mm)	Species (Grade) Western Red Cedar (Premium)
1. External Corner	30 x 30	M023030CPF
2. Internal Corner	18 x 18	M031818CPF
3. 'Single Bevel' Architrave (Skirtings)	65 x 18	M046518CPF
4. Quad	18 x 18	M061818CPF
5. Internal Finish Moulding	38 x 17	B3817CPF
6. Scotia	30 x 30	M013030CPF

Standard Raw Mouldings

Profile Name	Size (mm)	Species (Grade) Western Red Cedar (Premium)
7. Colonial Architrave	90 x 18 66 x 18	M089018CPF M086618CPF
8. Georgian Dado	64 x 26	M106426CPF
9. Half High Dado	38 x 28	M113828CPF



Fastening

Fixing shall be combined nails and adhesives utilising conventional fine panel pins i.e. 25 mm x 1.4 mm in conjunction with an approved wall board adhesive. (Adhesive - manufacturer's instructions should be observed for optimum results).

Internal lining applications (vertical or horizontal): Securely fix at centres not exceeding 600 mm spacing and 800 mm stud spacing for diagonal installations.

Ceiling Applications: Ceiling lining applications, when installed under sheet metal roofing, it is essential to use a breather type sarking between the timber boards and the roof sheeting. Fixings require across top of exposed rafters - 600 mm; beneath rafters or joists on cathedral or flat ceilings - 450 mm. For nail guns please consult your local supplier for suitable nailing solutions.

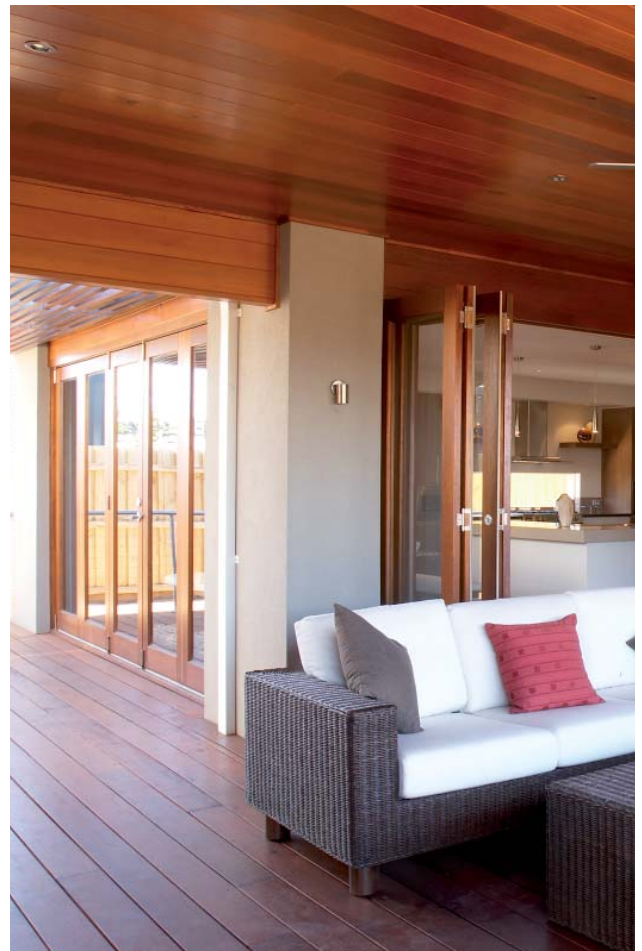
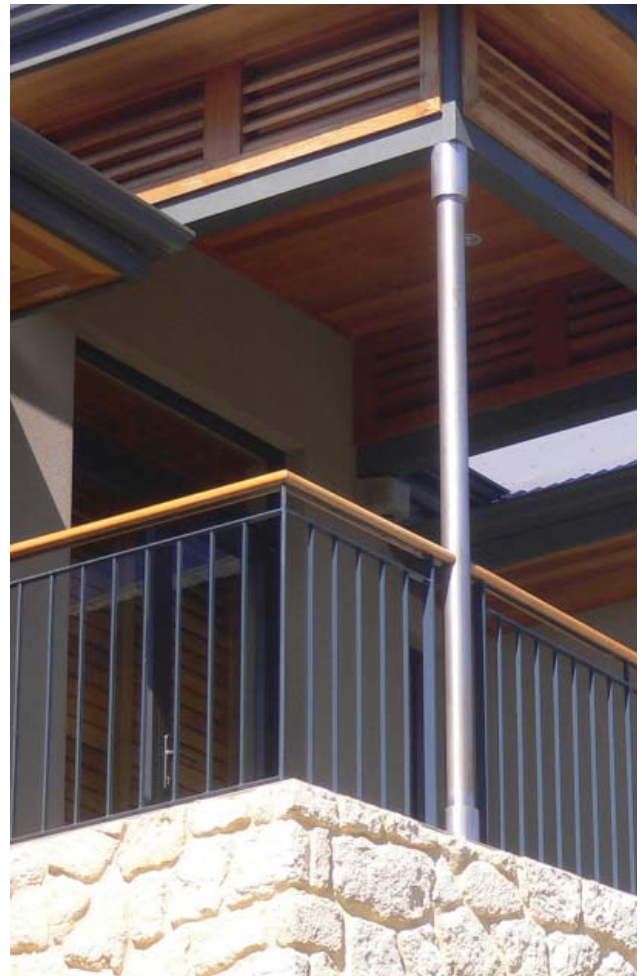
Cedar Exteriors

Tilling offer a comprehensive range of Western Red Cedar solid timber products for external applications.

Our external cladding, bevel siding, shingles, and shakes and capping are created to meet designer needs.

Nothing compares to the natural colour, warmth and richness of cedar.

Photograph courtesy of Metricon.



Shingles , Shakes & Capping



Shingles

No 1 Blue Label Premium clear grade, fully quarter sawn. Recommended for roofing applications. 450 mm (nominal) length. 11 mm thick at butt end. Width - various.

Cover - Roof - 1 bundle per 2.3 m² at 140 mm exposure. Minimum roof pitch - 18°.



No 2. Red Label General Purpose grade, with limited sap wood. Contains both quarter and back sawn. 450 mm (nominal) length. 11 mm thick at butt end. Width - various.

Wall Cladding - 1 bundle per 3.72 m² at 215 mm exposure.



Shakes

Handsplit and resawn. 600 mm (nominal) length. 12 mm to 19 mm thick butt end. Width - various.

Roofing - 1 bundle per 1.33 m² at 190 mm exposure. Minimum roof pitch 20°.



Capping

Shingle Ridging. 400 mm (nominal) length, Ridge depth - 80 mm. 5080 mm run of ridging at 140 mm exposure.



Shake Ridging. 600 mm (nominal) length, Ridge depth - 100 mm. 3658 mm run of ridging at 190 mm exposure.






Window Accessories

Component stock profiles and associated trim beads are manufactured from kiln-seasoned premium grade Western Red Cedar. A sill profile for threshold use (3) is obtainable in Merbau and Kapur, both dense and durable hardwoods.



Profile	Size	Code
1. Sill Hardwood	Fin 165 x 44	JA08K
2. Glazing Bead	Fin 15 x 10 x 6	JA12C
3. Glazing Bead	Fin 10 x 10 x 6	JA16C
4. Window Mould	Fin 32 x 19 x 12	JA14C

Claddings

Profiles and Details	Profile Code	Cover (mm)	Thickness (mm)	Texture	Western Red Cedar	
					Premium Grade	Tight Knot Grade
 V Joint	CV4C	84	18	Dressed	*	
	CV6C	133	18	Dressed	*	
 Channel 2	C24C	84	18	Dressed	*	
	C26C	133	18	Dressed	*	
	C256C	133	17	Sawn	*	
	C28C	181	18	Dressed	*	
 Channel 2	C2KS6C	133	18	Sawn		*
 V Joint	CPV6C	133	15	Dressed	*	
 Channel 2	CP26C	133	15	Dressed	*	

Note: C2KS6C available in random length spec only.



External Cladding Kiln Dried

All kiln-seasoned premium grade/tight knot cedar claddings are available in lengths from 0.6 m to 4.8 m (longer lengths may be available). All cladding is protective packaged in clear poly shrink film, with each bundle carrying four or six same length boards. "CP" series cladding are an economic option to traditional 18 mm profiles packaged six board per bundle.

Premium grade quality permits inclusion of natural wood characteristics such as small, sound pin knots or burls in occasional boards. Channel claddings are also available with optional fine sawn textured face for a small surcharge.

All claddings must be double face nailed at a maximum 600 mm centres.

Bevel Siding

Profiles & Details	Stops - Unseasoned					
	Western Red Cedar	Size				
 22 mm	CB8CD	167	Dressed	Premium	B5732SC	57 x 32
 17 mm	CBKS8*	164	Sawn	Tight Knot	B3232SC	32 x 32

The premium bevel sidings noted above are manufactured by Tilling to a 'heavy butt' profile which, when installed, provides a strong, bold shadow line effect. The heavy butt profile is substantially thicker than most imported Canadian sidings (CBKS8) manufactured to conform to the requirements of US housing construction regulations.

Note: * CBKS8 siding is manufactured in the unseasoned (green) state, hence installed boards may occasionally display some movement such as shrinkage as they season after installation. Such movement can be reduced by early application of finish stain or other surface treatment to inhibit moisture uptake. In exposed situations, it is recommended that an initial coat of surface treatment is applied to the face and back of each board prior to installation, with one to two additional coats following installation.



Make a Statement!



Natural Western Red Cedar

Western Red Cedar Sawn and Dressed Boards

The widespread use of timber boards started in America during the eighteenth century when timber frame buildings were clad with oak or cedar boards that had been split radially from logs. In Australia, boards were being used within a few years of first settlement.

Cedar Boards of this type were commonly used and some early timber clad buildings still stand in excellent condition after more than 150 years of service.

Dressed Code	Size	Sawn Code	Size
B3817C	38 x 17	B10022SC	100 x 22
B6517C	65 x 17	B15022SC	150 x 22
B9017C	90 x 17	B20022SC	200 x 22
B13817C	138 x 17	B15038SC	150 x 38
B18817C	188 x 17	B15045SC	150 x 45
B3838C	38 x 38	B20045SC	200 x 45
B6538C	65 x 38	B7550SC	75 x 50
B9038C	90 x 38	B10050SC	100 x 50
B13838C	138 x 38	B15050SC	150 x 50
B18838C	188 x 38	B20050SC	200 x 50



Photograph courtesy of Metricon

Manufacturing

Tilling have versatile manufacturing capabilities that provide our customers with complete flexibility and control over their projects.

Tilling are able to provide a complete product matching service, allowing for the production of mouldings and profiles extending back to decades of old.

Provided that your enquiry meets the minimum quantity, and blank timber stock is available, Tilling are able to offer a complete custom profiling service.

With an extensive library of profiles, plus the ability to produce new and creative designs, Tilling are the leaders in solid timber profiling.

Call your local sales representative for further details.

Photograph courtesy of Metricon

Nails



Cladding/Siding

Cedar sidings and cladding are best installed with silicon bronze flat head nails. Available in 500 gram packs.

Use silicon bronze flat head
50 x 3.15 approx 140 per pkt.

Internal Lining Board Profiles

Standard Raw



Pre-finished



Claddings

Profiles and Details



Bevel Siding



Profile Code	Cover (mm)	Thickness (mm)	Specie
PV4	86	12	Tasmanian Oak
PV5	114	12	Tasmanian Oak
PV6	137	12	Tasmanian Oak
PSNV4	86	10	Western Red Cedar
PSNV6	137	10	Western Red Cedar
CPV6	133	15	Western Red Cedar
PSN24	82	10	Western Red Cedar
PSN26	133	10	Western Red Cedar
PSN26	133	12	Tasmanian Oak
CP26	133	15	Western Red Cedar
PSNR5	108	12	Tasmanian Oak
PSNR6	133	10	Western Red Cedar
PVR4	83	12	Jarrah/ Tasmanian Oak
PSNV4	86	10	Western Red Cedar/Jarrah
PV4	86	12	Tasmanian Oak/Forrest Red
PSNV6	137	10	Western Red Cedar
PV6	137	12	Tasmanian Oak

Profile Code	Cover (mm)	Thickness (mm)	Texture	Western Red Cedar Premium Grade	Tight Knot Grade
CV4C	84	18	Dressed	*	
CV6C	133	18	Dressed	*	
C24C	84	18	Dressed	*	
C26C	133	18	Dressed	*	
C256C	133	17	Sawn	*	
C28C	181	18	Dressed	*	
C2KS6C	133	17	Sawn		*
CPV6C	133	15	Dressed	*	
CP26C	133	15	Dressed	*	

Note: C2KS6C available in random length spec only.

Profiles & Details

Profile Code	Cover (mm)	Texture	Western Red Cedar
CB8CD*	167	Dressed	Premium
CBKS8	164	Sawn	Tight Knot

Stops - Unseasoned

Western Red Cedar	Size
B5732SC	57 x 32
B3232SC	32 x 32

Architectural
Products

Tilling



**Natural Form
Natural Feel
Natural Qualities
100% Natural**

For more information Call 1800 337 703 or visit www.tilling.com.au

Available From:

Head Office
31-45 Orchard Street,
Kilsyth, VIC 3137

New South Wales
109 Kurrajong Avenue,
Mt Druitt, NSW 2770

Queensland
20-24 Nealdon Drive,
Meadowbrook, QLD 4131

Western Australia
10 Cartwright Drive,
Forrestdale, WA 6112

email: sales@tilling.com.au

email: nswsales@tilling.com.au

email: qldsales@tilling.com.au

email: wasales@tilling.com.au

Phone +61 3 9725 0222
Fax +61 3 9725 3045

Phone +61 2 9677 2600
Fax +61 2 9677 2500

Phone +61 7 3440 5400
Fax +61 7 3440 5444

Phone +61 8 9248 7643
Fax +61 8 9248 3241



Tilling Timber Pty. Ltd. is a privately held Australian organisation.

© Copyright 2010 All Rights Reserved