

Architectural  
Products

Architecturally  
Inspired Solid  
Timber Profiles



Natural Form  
Natural Feel  
Natural Look

Created by nature, improved by man,  
limited only by your imagination!



To find out more phone: 1800 33 77 03 or visit [www.tilling.com.au](http://www.tilling.com.au)



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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.



## Product Availability

The Tilling range of products are available through selected expert retailers. To find your nearest expert retailer download the Tilling Application from Apple iTunes or Google Play, today!

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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.

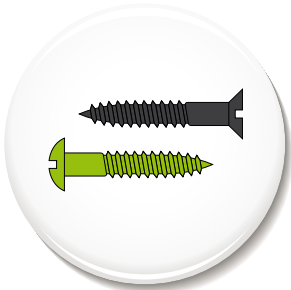
Tilling Standard Terms and Conditions of Sale apply to all sales of this product.



Australian Made



Natural Aesthetic



Easily Fixed



100% Natural Timber



Custom Manufacturing  
(Conditions apply)



Recycled Waste By-product

### An easy choice, Tilling Architectural Products.

If you are looking for an architectural solution that is not only beautiful to look at, is robust, versatile and natural, then look no further than Tillings Architectural Products.

Tillings range of architecturally inspired profile solid section timber products provide a natural look, texture and warmth for any application. The product is produced from solid timber manufactured in Australia.

Tillings range of profiled products highlight the natural variations in colour and grain in timber.

The saw dust by-product from the manufacturing of our profiled timber is used by a local organisation in the manufacture of other products.

### Architectural Products Benefits

There are several good reasons to choose Tilling Architectural Products for your next project.

Tillings range of Architectural profiles are designed and produced in Australia offering consumers and specifiers an entire suite of relevant products.

Our product range achieves superior stability and durability as a result of strict quality control in the manufacturing process and utilising the highest grade raw materials.

The Architectural Products range offers a number of customised solutions for large projects. We are able to work in collaboration with you to obtain a truly unique and customised profile specifically tailored to a given project or projects.

Our products are engineered and manufactured through years of research, development and, more importantly, practical experience.

We offer a large variety of products and can offer customers an integrated package, including trims, finishes and coatings, to meet the demands of any size project.



## Technical Specifications

### Western Red Cedar

**Common Name** Western Red Cedar

**Species** Thuja Plicata

**Density** (12%mc)  
380kg/m<sup>3</sup>

**Durability** Class 2 - External

#### External Durability

The long term performance of a timber under demanding environmental conditions is largely dependent on its durability rating and its degree of dimensional stability.

The timber is acknowledged as 'very resistant to decay', and under Australian durability ratings is classified as Class 2— alongside such timbers as Red Gum, Jarrah, Satinay and Johnstone River Hardwood. Inground stake test sites as far north as Innisfail, North Queensland, confirm Cedar's high resistance to termite attack.

#### Stability

All timbers are hygroscopic and will pick up or discharge moisture until in equilibrium with the surrounding atmosphere. In doing so, some movement will occur.

The more a timber moves in service conditions, the higher the likelihood of cupping, twisting, distortion and 'loosening of' fastenings. Western Red Cedar possesses exceptionally high dimensional stability rating unequalled by any other timber in commercial use in Australia.

Shrinkage (%) -green to 12% moisture content:  
Tangential—2.2% Radial—1.1%

Unit Movement (%) per percent change in moisture content : Tangential—.15% Radial—0.75

#### Fire

Spread of Flame 10

Smoke Indexation 4

Group Number 3 (Less than 250m<sup>2</sup>/Kg)



Photograph courtesy of Burbank Homes

Western Red Cedar has one of the longest life spans of any North American Softwood. It produces longer lengths of virtually defect free timber with a true and 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](http://www.wrcea.org)



Photograph courtesy of Metricon.

## Interior Lining Boards

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

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 comes in two 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.



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 UV cured Satin Finish Polyurethane
- Available in End Matched boards
- Solid Timber, a natural choice
- Premium grade Western Red Cedar, and Tasmanian Oak
- No special tools required
- Easy to work with
- Light to handle
- Ability to create slight curves

### Applications

- Interior wall and ceiling linings
- Feature walls
- Commercial interiors
- Shop fit-outs
- Furniture 'in-fill' applications
- Cabinet work



### Internal Lining Board Profiles

#### Standard Raw



#### Pre-finished



Profile Code	Cover (mm)	Thickness (mm)	Specie
PV4	86	12	Tasmanian Oak
PV5	114	12	Tasmanian Oak
PV6	137	12	Tasmanian Oak
PSNV4	86	9	Western Red Cedar
PSNV6	137	9	Western Red Cedar
CPV6	133	14	Western Red Cedar
PSN24	82	9	Western Red Cedar
PSN26	133	9	Western Red Cedar
PSN26	133	12	Tasmanian Oak
CP26	133	14	Western Red Cedar
PSNR5	108	12	Tasmanian Oak
PSNR6	133	9	Western Red Cedar
PVR4	83	12	Tasmanian Oak
PSNV4	86	9	Western Red Cedar
PV4	86	12	Tasmanian Oak
PSNV6	137	9	Western Red Cedar
PV6	137	12	Tasmanian Oak







Photograph courtesy of Cairan Handy





## Feature Wall Products

### Silhouette - Block Wall

Block Wall Silhouette has been created to provide extra depth for the most dramatic shadow line effect possible. Available in Western Red Cedar and Tasmanian Blackwood (run to order only). The profiles integrate with many other Tilling profiles to provide a truly unique customised design opportunity.

Individual boards can be installed 'end on end' to create a continuous but dramatic undulating effect. Alternatively, boards can be docked to shorter lengths and mixed and matched for a totally random look.

This random look will also provide excellent acoustic performance so it is ideal for music rooms or in any situation where noise is an issue. Suitable for both interior and exterior installation. All profiles are 'secret nailed' for that perfect finish.

Block Wall Silhouette is also available in ready to install 1200x300mm panels in Western Red Cedar. These panels have been manufactured to create the random look but in convenient modules to save on site labour so you can achieve that handcrafted end result in a fraction of the time that it would normally take. Each panel is tongued and grooved to provide continuity of finish and surety of installation. Panels are 'secret nailed' for that perfect finish and are suitable only for internal installation.

Refer to Tilling website for fixing instructions and a step-by-step video for installation of the Block Wall Silhouette panels.

Silhouette is the ideal feature wall and ceiling product for use in a multitude of domestic, civic and commercial applications.

- Feature walls
- Alfresco ceilings
- Music Rooms
- Home Theatres
- Retail entrance and display walls



Block Wall Individual Pieces  
Code: BW60C/TB



26mm (w) x 60mm (h)

Code: BW40C/TB



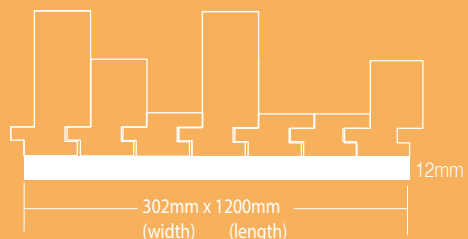
26mm (w) x 40mm (h)

Code: BW18C/TB



26mm (w) x 18mm (h)

Blockwall Panel  
Code: BWPC







Horizon Stepped Profiles



# Feature Wall Products

## Horizon Stepped Profiles

Horizon stepped profiles provide a bold, continuous & linear appearance with strong shadow lines. With a choice of four-stepped profiles in varying widths & depths. You can create a multitude of different looks through a mixing and matching process.

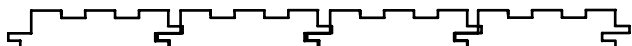
These profiles can be intermixed with profiles of the same thickness providing an architecturally unique statement to your feature wall or ceiling. All profiles can be 'secret nail' fixed and are suitable for both interior & exterior installation.

Horizon is the ideal feature wall and ceiling product for use in a multitude of domestic, civic and commercial applications.

- Feature walls
- Alfresco ceilings
- Music Rooms



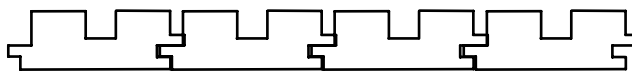
CAS2918C - In Series



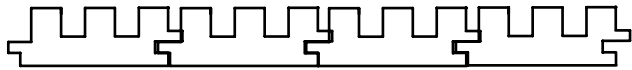
CAS1518C - In Series



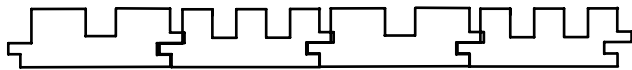
CAS2918C & CAS1518C - In Combination



CAS2926C - In Series



CAS1526C - In Series



CAS2926C & CAS1526C - In Combination

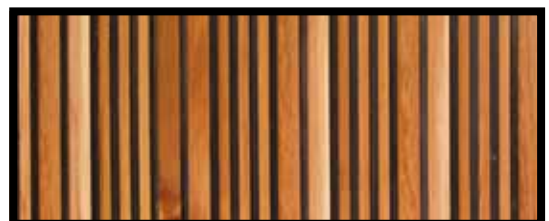
## Contrast Effect

The 'Contrast Effect' is achieved when the rebates of the profile are painted and a polyurethane clear prefinished coating is added. This effect is only available for stepped profile Horizon.

The paint application is available in a black or white finish.

The contrast effect provides a 'batten screen' look in one easy process. Just install it, there is no painting, no mess, no fumes.

Run to order, the contrast effect can be pre-finished in a clear coating for either interior or exterior applications.



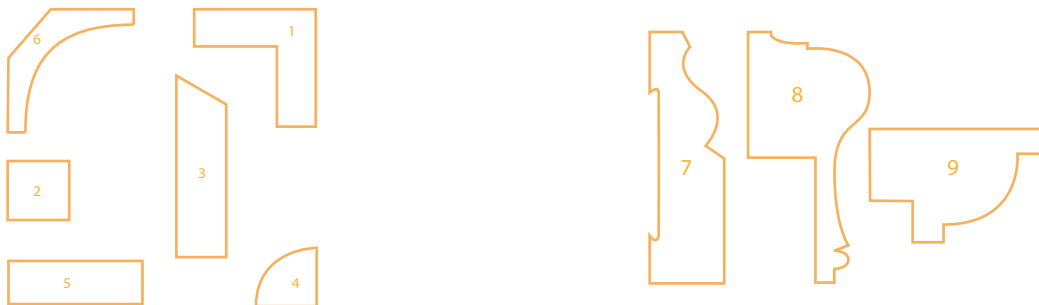
## Pre-Finished Mouldings

All mouldings are available in Premium Grade Western Red Cedar

Profile Name	Size (mm)	Code
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

## Mouldings Raw Only

Profile Name	Size (mm)	Code
7. Colonial Architrave	90 x 18 66 x 18	M089018C M086618C
8. Georgian Dado	64 x 26	M106426C
9. Half High Dado	38 x 28	M113828C



## 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.





Photograph courtesy of Cairan Handy



## Exterior Claddings

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

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






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





Photograph courtesy of Burbank Homes

## Claddings

Profiles and Details	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	*	
	C2S6C	133	17	Sawn	*	
	C28C	181	18	Dressed	*	
	C2KS6C	133	18	Sawn		*
	CPV6C	133	14	Dressed	*	
	CP26C	133	14	Dressed	*	



Note: C2KS6C available in random length spec only.

## Kiln Dried Exterior Cladding

All kiln-seasoned premium grade or 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.

## Bevel Siding

Profiles & Details	Profiles & Details		Stops - Unseasoned			
	Profile Code	Cover (mm)	Texture	Western Red Cedar	Size	
	CB8CD	169	Dressed	Premium	B5732SC	57 x 32
	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.



**Fire Resisting  
Timber**

# Bushfire Resisting Cladding - Western Red Cedar

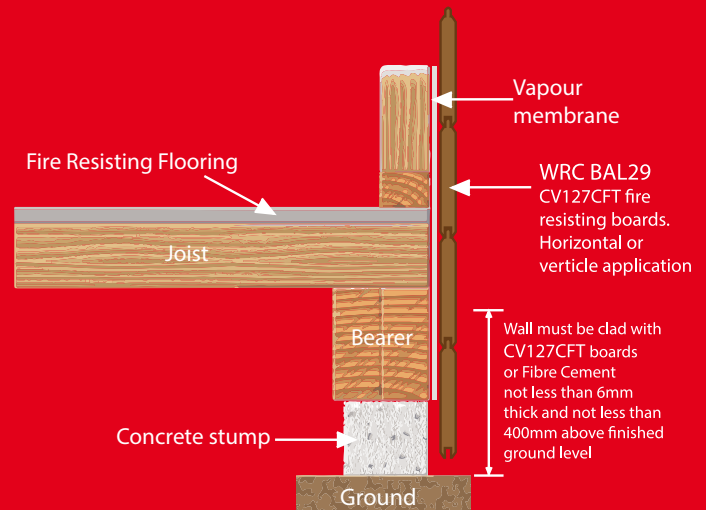
Our new Bushfire Resisting Exterior Cladding is treated, tested and approved to be used in areas rated up to and including BAL29. The treatment is effective for the whole service life of the Cedar cladding because it is impregnated in the Cedar and is leach resistant.

The cladding can be docked to the required length without affecting the efficacy of the fire treatment (Sealing the docked ends with a waterproof sealer is still recommended as best building practice).

This product has been weathered in a lab, post treatment of fire retardant, and passes AS3959:2009. As such it can be used in external exposed applications. All of this information is contained on the test certificate. There is currently only one profile and it is unique to our range and for this product only. Details are on the brochure. We do not, at this stage, offer any other profiles or finishes.

**Very important:** This product is sold as raw only. Adding coatings, such as stains and oils etc..., to the product will alter the composition and the product it will require re-testing. This can be achieved, however at considerable cost in terms of time and money.

Please consult our technical data sheet and our fire testing certificate for specific details relating to this product.



**Fire Resisting  
Timber**



Note: Due to the unpredictable nature and behaviour of fire combined with the extreme weather conditions experienced in Australia, ultimately, no guarantee can be provided that a building will survive in the event of a bushfire.

## Shingles & Shakes



### 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 m<sup>2</sup> 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 m<sup>2</sup> at 215 mm exposure.



### Shakes

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

Roofing - 1 bundle per 1.33 m<sup>2</sup> 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.





Weathered Cedar shingles



Sawn Dressed Boards custom manufactured for this project



## 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

## Manufacturing and Customisation

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



Tilling are able to provide a number of services including, product matching, large-scale solid and engineered timber sections for assembly in unique configurations, coating and staining options, and pre-assembled panels for ease of installation on-site.





Tilling are also 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 manufacturing and customisation for solid and engineered timber in Australia.











## Eave Lining Sheet Western Red Cedar

We are proud to introduce our Prefinished Solid Western Red Cedar eave lining sheet. You can now add that Touch of Class that solid Cedar will give to your home, in an easy fit, pre-finished eaves sheet.

### Product

Each sheet comprises solid 9mm thick Western Red Cedar Lining fixed to an appropriate continuous backing board. The lining boards are shorter lengths produced during our Premium lining manufacturing process.

### Sheet Sizes

2400 x 450mm and 2400 x 600mm.

### Features

Sheets ends are tongued & grooved to provide a strong and easy to fit join. Please note: no cover strip is required.

Sheet sides are re-bated to allow for a flush fit into the fascia groove.

Sheets are Prefinished with 2 coats of external coating suitable for use in an external eave situation.



Architectural  
Products



Tilling

## Architecturally Inspired Solid Timber Profiles

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