

SECTION 1

MOULDINGS



MOULDINGS - Australian Plantation Timber. Australian Manufactured.

Architraves and Skirtings

Cornices

Belt Rails

Picture Rails, Dados and Nosings

Picture Frame Moulds

Inlays and Trims

Post Moulds

Architrave and Plinth Blocks

Araucaria Panelling

Beaded Panelling

Square Dressed Araucaria

Shelving

TQ TDS 1 Timber Panelling

TQ TDS 22 LOSP Preservative Treated Timber

Architraves and Skirting

1.0 Profiles Architraves and Skirtings

All Mouldings Plantation Grown Australian Araucaria Finger Joint Paint Grade.
 Clear stain grade mouldings and LOSP treatment of mouldings for external use
 available – POA. Relief grooves on back of profiles as required.
 Refer your Finlayson Representative for further information.



TYPE BR ROUNDED
93 x 19mm



TYPE BP POINTED
93 x 19mm



TYPE C-1 POINTED
68 x 19mm



TYPE C-2 POINTED
68 x 19mm



TYPE C-3 ROUNDED
68 x 19mm



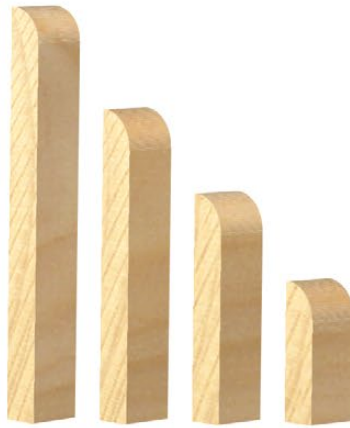
TYPE C-4 POINTED
42 x 19mm



TYPE C-5 ROUNDED
42 x 19mm



TYPE LT LAMB'S TONGUE
140 | 93 | 68 x 19mm



TYPE BN BULLNOSE
140 | 93 | 68 | 42 x 11mm



TYPE BN BULLNOSE
140 | 93 | 68 | 42 x 19mm



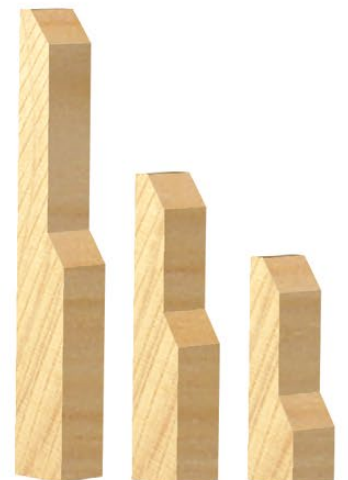
TYPE F
187 | 120 x 21mm



TYPE G
93 | 68 | 42 x 11mm



TYPE G
187 | 140 | 93 | 68 x 19mm



TYPE SP SPLAYED
140 | 93 | 68 x 19mm

1.0 Profiles Architraves and Skirtings



TYPE SA01
140 x 19mm



TYPE SA02
140 | 93 | 68 x 19mm



TYPE SA03
68 | 42 x 11mm



TYPE SA04
68 | 42 x 11mm



TYPE SA05
68 | 42 x 11mm



TYPE SA06
140 x 21mm



TYPE SA07
187 | 140 x 19mm



TYPE SA08
93 | 68 x 19mm



TYPE SA09
93 x 19mm



TYPE SA10
93 | 68 x 19mm



TYPE SA13
93 | 68 | 42 x 11mm



TYPE SA13
93 | 68 | 42 x 19mm



TYPE SA14
140 x 19mm



TYPE SA15
93 | 68 | 42 x 11mm



TYPE SA16
93 | 68 x 19mm



TYPE SA17
140 x 19mm

Architraves and Skirting

1.0 Profiles Architraves and Skirtings



TYPE SA19
112 x 19mm



TYPE SA20
42 x 19mm



TYPE SA21
140 | 93 | 68 x 19mm



TYPE SA22
93 | 68 x 19mm



TYPE SA23
93 | 68 | 42 x 11mm



TYPE SA24
64 x 25mm



TYPE SA25
93 | 68 x 19mm



TYPE SM61
42 x 22mm



TYPE 17
180 x 18mm



TYPE M
120 x 31mm



Half Splayed
66 | 42 x 11mm



PENCIL ROUND
66 | 42 x 11mm



ARCHITRAVE 11
90 x 18mm



ARCHITRAVE 15
86 x 18mm

PLANTATION ARAUCARIA – Clear and Finger Joint Grades
All profiles have relief grooves where applicable.
All mouldings available L.O.S.P. treated for external use.

1.1 Architraves and Skirtings

PRODUCT	SIZE
Unit = LM	
TYPE BR	93 x 19
TYPE BP	93 x 19
TYPE C1	68 x 19
TYPE C2	68 x 19
TYPE C3	68 x 19
TYPE C4	42 x 19
TYPE C5	42 x 19
TYPE SA24	64 x 25
TYPE SA20	42 x 19
TYPE SM61	42 x 22
TYPE LT	140 x 19
TYPE LT	93 x 19
TYPE LT	68 x 19
TYPE BN	93 x 11
TYPE BN	68 x 11
TYPE BN	42 x 11
TYPE BN	140 x 19
TYPE BN	93 x 19
TYPE BN	68 x 19
TYPE BN	42 x 19
TYPE SA22	93 x 19
TYPE SA22	68 x 19
TYPE G	187 x 19
TYPE G	140 x 19
TYPE G	93 x 19
TYPE G	68 x 19
TYPE 17	180 x 18
TYPE F	187 x 21
TYPE F	120 x 21
TYPE SP	140 x 19
TYPE SP	93 x 19
TYPE SP	68 x 19
TYPE 11	90 x 18
TYPE 15	86 x 18
TYPE M	120 x 31
TYPE G	93 x 11
TYPE G	68 x 11
TYPE G	42 x 11

PRODUCT	SIZE
Unit = LM	
TYPE SA01	140 x 19
TYPE SA02	140 x 19
TYPE SA02	93 x 19
TYPE SA02	68 x 19
TYPE SA03	42 x 11
TYPE SA03	68 x 11
TYPE SA04	42 x 11
TYPE SA04	68 x 11
TYPE SA05	42 x 11
TYPE SA05	68 x 11
TYPE SA06	140 x 21
TYPE SA07	187 x 19
TYPE SA07	140 x 19
TYPE SA08	93 x 19
TYPE SA08	68 x 19
TYPE SA09	93 x 19
TYPE SA10	93 x 19
TYPE SA10	68 x 19
TYPE SA13	93 x 11
TYPE SA13	68 x 11
TYPE SA13	42 x 11
TYPE SA14	140 x 19
TYPE SA15	93 x 11
TYPE SA15	68 x 11
TYPE SA15	42 x 11
TYPE SA16	93 x 19
TYPE SA16	68 x 19
TYPE SA17	140 x 19
TYPE SA19	112 x 19
TYPE SA21	93 x 19
TYPE SA21	68 x 19
TYPE SA23	68 x 11
TYPE SA23	42 x 11
TYPE SA25	93 x 19
TYPE SA25	68 x 19

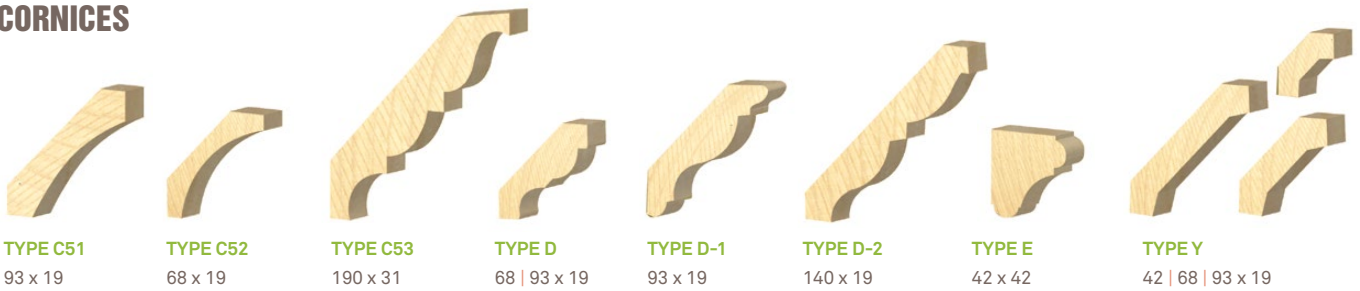
Shaded area indicates item stocked. Non-shaded products may incur a set up charge. Please refer your Finlayson representative.

PLEASE NOTE:

- Finger joint sold in 5.4m lengths only
- Clear grade available in set lengths subject to availability and charged at lengths supplied
- Pre-priming also available - Please refer to your Finlayson representative
- A minimum charge for non-stock LOSP products may occur - Please refer to your Finlayson representative
- For painting LOSP treated timber - refer to TDS 22 on page 18
- Prices in this catalogue are guides only and all final pricing should be confirmed with your Finlayson representative

Cornices, Belt and Picture Rails, Dados and Nosings

CORNICES



TYPE C51
93 x 19

TYPE C52
68 x 19

TYPE C53
190 x 31

TYPE D
68 | 93 x 19

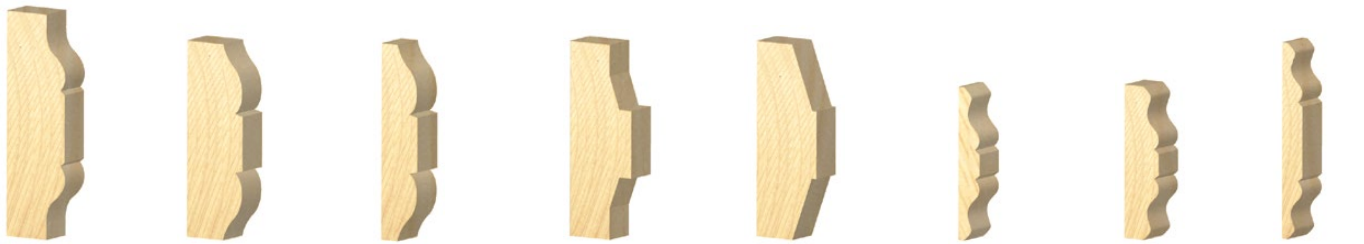
TYPE D-1
93 x 19

TYPE D-2
140 x 19

TYPE E
42 x 42

TYPE Y
42 | 68 | 93 x 19

BELT RAILS



TYPE S1
105 x 31

TYPE S2
93 x 31

TYPE S3
93 x 19

TYPE S4
93 x 31

TYPE S5
93 x 31

TYPE S6
68 x 11

TYPE S7
68 x 19

TYPE S8
93 x 11

PICTURE RAILS, DADOS and NOSING



TYPE 1
58 x 31

TYPE SM63
50 x 24

TYPE Q1
58 x 40

TYPE Q3
58 x 28

TYPE P
68 x 31

TYPE PR81
63 x 25

TYPE L
60 x 30

TYPE K
47 x 32

TYPE H
42 x 19

TYPE Q2
40 x 65

TYPE J
42 | 68 | 93 x 31

PICTURE FRAME MOULDS

PLEASE NOTE: ALL PICTURE FRAME MOULDS HAVE SET UP CHARGE



TYPE PM02
60 x 19

TYPE PM03
65 x 20

TYPE PM04
65 x 21

TYPE PM05
56 x 18

TYPE PM06
74 x 30

TYPE PM07
93 x 19

TYPE PM08
90 x 36

TYPE PM09
32 x 19

TYPE PM16
68 x 22

TYPE PM17
68 x 19

TYPE PM10
32 x 19

TYPE PM11
21 x 21

TYPE PM12
38 x 22

TYPE PM13
42 x 19

TYPE PM14
42 x 19

TYPE PM15
42 x 19

TYPE SM64
42 x 25

1.2 Cornices

PRODUCT	SIZE
Unit = LM	
TYPE C53	190 x 31
TYPE D-2	140 x 19
TYPE D	93 x 19
TYPE D	68 x 19
TYPE Y	93 x 19
TYPE Y	68 x 19
TYPE Y	42 x 19
TYPE E	42 x 42
TYPE C51	93 x 19
TYPE D1	93 x 19
FJC52068019	68 x 19

1.3 Belt Rails

PRODUCT	SIZE
Unit = LM	
TYPE S1	105 x 31
TYPE S2	93 x 31
TYPE S3	93 x 19
TYPE S4	93 x 33
TYPE S5	93 x 33
TYPE S6	68 x 11
TYPE S7	68 x 19
TYPE S8	93 x 11

1.4 Picture Rails, Dados and Nosings

PRODUCT	SIZE
Unit = LM	
TYPE I	58 x 31
TYPE SM63	50 x 24
TYPE Q1	58 x 40
TYPE Q2	65 x 40
TYPE Q3	58 x 28
TYPE P	68 x 31
TYPE J	93 x 31
TYPE J	68 x 31
TYPE J	42 x 31
TYPE PR81	63 x 25
TYPE L	60 x 30
TYPE K	47 x 32
TYPE H	42 x 19

PLANTATION ARAUCARIA – Clear and Finger Joint Grades
 All profiles have relief grooves where applicable.
 All mouldings available L.O.S.P. treated for external use.

1.5 Picture Frame Moulds

PRODUCT	SIZE
Unit = LM	
TYPE PM01	64 x 34
TYPE PM02	60 x 19
TYPE PM03	65 x 20
TYPE PM04	65 x 21
TYPE PM05	56 x 18
TYPE PM06	74 x 30
TYPE PM07	93 x 19
TYPE PM08	90 x 36
TYPE PM09	32 x 19
TYPE PM10	32 x 19
TYPE PM11	21 x 21
TYPE PM12	38 x 22
TYPE PM13	42 x 19
TYPE PM14	42 x 19
TYPE PM15	42 x 19
TYPE PM16	68 x 22
TYPE PM17	68 x 19
TYPE SM 64	42 x 25

 Shaded area indicates stocked item.

Please Note:

Non-shaded products may incur a set up charge.
 Please refer your Finlayson representative.

Post Moulds, Inlays, Trims and Architrave blocks

POST MOULDS



TYPE A
68 x 42

TYPE A
93 x 68

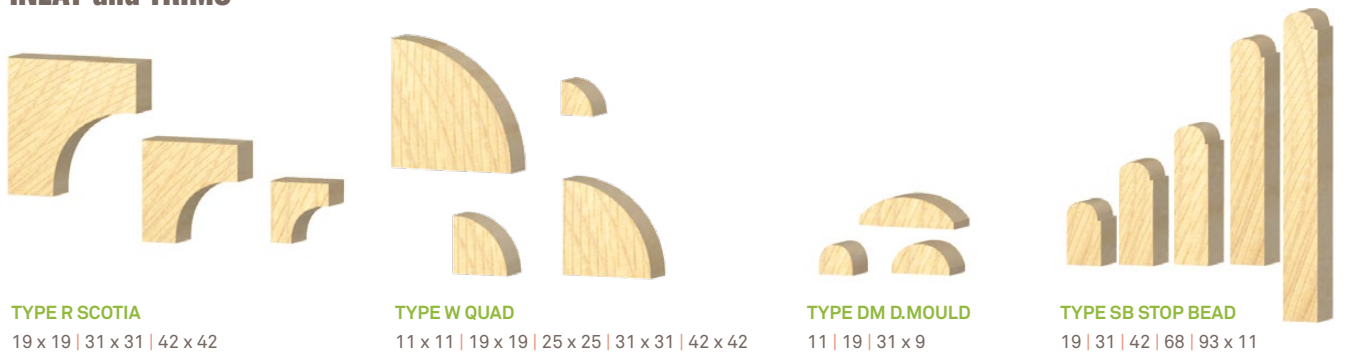
TYPE A1
31 x 19

TYPE A2
31 x 19

TYPE A3
93 x 68

TYPE A4
110 x 75
(Provided in two pieces)

INLAY and TRIMS



TYPE R SCOTIA
19 x 19 | 31 x 31 | 42 x 42

TYPE W QUAD
11 x 11 | 19 x 19 | 25 x 25 | 31 x 31 | 42 x 42

TYPE DM D.MOULD
11 | 19 | 31 x 9

TYPE SB STOP BEAD
19 | 31 | 42 | 68 | 93 x 11



TYPE V ELECTRIC MOULD
31 | 35 | 42 x 19

TYPE SM65
42 x 13

TYPE SM66
19 x 10

TYPE SM67
34 x 13

TYPE SS68
36 x 30

TYPE SM69
44 x 20

TYPE Z CHAMFER STOP
25 x 25



TYPE N
51 x 31

TYPE O OVOLO
11 x 11 | 19 x 19 | 31 x 31

TYPE O OVOLO
36 x 23

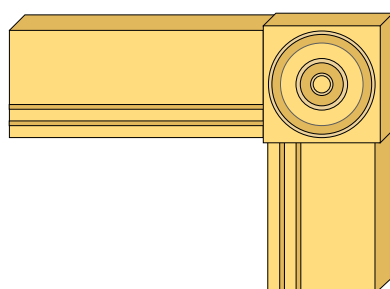
TYPE U INLAY
31 | 36 x 15 | 28 x 11

TYPE EXTERNAL CORNER
31 x 31 (H3 Treated)

BEADED SCOTIA
42 x 31

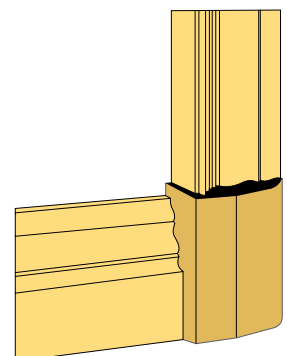
ARCHITRAVE BLOCK

42 | 68 | 93 x 15
42 | 68 | 93 | 116 | 140 x 22



PLINTH BLOCK

93 | 116 | 140 x 31



1.6 Post Moulds

PRODUCT	SIZE
TYPE A	68 x 42
TYPE A	93 x 68
TYPE A1	31 x 19
TYPE A2	31 x 19
TYPE A3	93 x 68
TYPE A4	*110 x 75

Note: Supplied 2 pieces.

1.7 Inlays and Trims

PRODUCT	SIZE
Unit = LM	
TYPE R	42 x 42
TYPE R	31 x 31
TYPE R	19 x 19
TYPE V	42 x 19
TYPE V	35 x 19
TYPE V	31 x 19
TYPE W	42 x 42
TYPE W	31 x 31
TYPE W	25 x 25
TYPE W	19 x 19
TYPE W	11 x 11
TYPE O	31 x 31
TYPE O	19 x 19
TYPE O	11 x 11
TYPE SS68	36 x 23
TYPE SB	93 x 11
TYPE SB	68 x 11
TYPE SB	42 x 11
TYPE SB	31 x 11
TYPE SB	19 x 11
TYPE U	36 x 15
TYPE U	31 x 15
TYPE U	28 x 11
TYPE DM	31 x 9
TYPE DM	19 x 9
TYPE DM	11 x 9
TYPE SM66	19 x 10
TYPE Z LOSP	25 x 25
TYPE B/SCOTIA	42 x 31
TYPE SM69	42 x 13
TYPE N	55 x 31
TYPE SM65	42 x 13
TYPE X LOSP	31 x 31
TYPE OVOLO	36 x 28
TYPE SM67	34 x 13

1.8 Architrave Block

SIZE	
42 x 15	
68 x 15	
93 x 15	
42 x 22	
68 x 22	
93 x 22	
116 x 22	
140 x 22	

1.9 Plinth Block

SIZE	
93 x 31	150mm
93 x 31	200mm
93 x 31	250mm
116 x 31	150mm
116 x 31	200mm
116 x 31	250mm

Note: Other designs or sizes available to order

PLANTATION ARAUCARIA – Clear and Finger Joint Grades
 All profiles have relief grooves where applicable.
 All mouldings available L.O.S.P. treated for external use.

 Shaded area indicates stocked item.

Please Note:

- Non-shaded products may incur a set up charge.
- Please refer your Finlayson representative.

Architrave and Plinth Blocks and Panelling

1.10 Araucaria Panelling VJ and Beaded Panelling

PRODUCT	SIZE	
Unit = LM		
Double Beaded	190 x 21	
TYPE T	190 x 21	
TYPE Beaded	152 x 21	
TYPE Beaded	140 x 21	
TYPE Beaded	102 x 21	
TYPE Beaded	89 x 21	
TYPE Beaded	140 x 11	
TYPE Beaded	102 x 11	
TYPE Beaded	89 x 11	
TYPE VJ	140 x 21	
TYPE VJ	102 x 21*	
TYPE VJ	89 x 21	
TYPE VJ	140 x 11	
TYPE VJ	102 x 11	
TYPE VJ	89 x 11	
TYPE VJ 321	133 x 12	
TYPE VJ 302	133 x 12	

 Shaded area indicates stocked item.

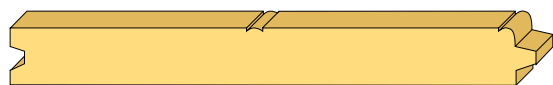
Please Note:

- Non-shaded products may incur a set up charge.
- Please refer your Finlayson representative.
- 102 x 21 Finger Joint VJ lengths in 5.4, 6.0, 6.3 and 6.6m lengths subject to availability.*

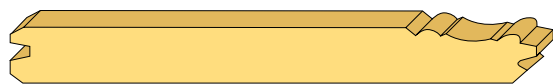
PLANTATION ARAUCARIA – Clear and Finger Joint Grades

All profiles have relief grooves where applicable.

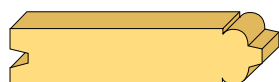
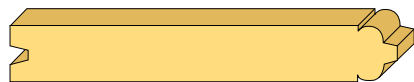
All mouldings available L.O.S.P. treated for external use.



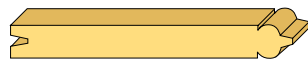
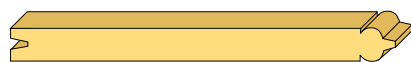
TYPE DOUBLE BEADED
190 x 21mm



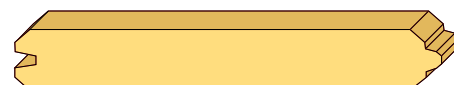
TYPE T
190 x 21mm



TYPE BEADED
152 | 140 | 102 | 89 x 21mm



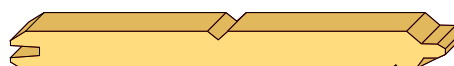
TYPE BEADED
140 | 102 | 89 x 11mm



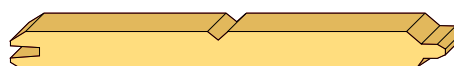
TYPE VJ
140 | 102* | 89 x 21mm



TYPE VJ
140 | 102* | 89 x 11mm



TYPE 321 VJ*
133 x 12mm



TYPE 302 VJ
133 x 12mm

1.11 Square Dressed All Round Araucaria

SIZE	
11 x 11	
19 x 11	
31 x 11	
42 x 11	
68 x 11	
93 x 11	
116 x 11	
140 x 11	
19 x 19	
31 x 19	
42 x 19	
68 x 19	
93 x 19	
112 x 19	
116 x 19	
140 x 19	
163 x 19	
187 x 19	
31 x 31	
42 x 31	
68 x 31	
93 x 31	
116 x 31	
140 x 31	
163 x 31	
187 x 31	
42 x 42	
68 x 42	
93 x 42	
116 x 42	
140 x 42	
187 x 42	

 Shaded area indicates stocked item.

Please Note:

- Non-shaded products may incur a set up charge. Please refer your Finlayson representative.
- Clear Grade items subject to availability.

1.12 Shelving

SIZE	GRADE
190 x 19	Knotty Grade
240 x 19	Knotty Grade
290 x 19	Knotty Grade





TECHNICAL DATA SHEET
ISSUED BY TIMBER QUEENSLAND

TIMBER PANELLING

RECOMMENDED PRACTICE // MARCH 2014

This data sheet covers seasoned timber panelling for use on walls and ceilings. For continued satisfactory performance of this product, it should be fixed and finished in accordance with the recommendations included herein.

SPECIES

Timber panelling is available in cypress and a range of hardwood and softwood species. With some timbers there will be a consistency in colour, texture and grain. With others, there may be a range of features and contrasting colour between the lighter sapwood and darker heartwood.

GRADES

Panelling may be graded in accordance with the respective Australian Standards or to a grade specified by the manufacturer. For availability and suitability of panelling grades the supplier should be contacted and if required samples obtained prior to purchase.

ORDERING

When ordering panelling, the following should be considered:

- Species
- Grade description
- Profile description
- Set lengths for vertical panelling (2.4 m or 2.7 m lengths)
- Random lengths (allow 10% wastage) for horizontal or diagonal panelling

STORAGE AND HANDLING

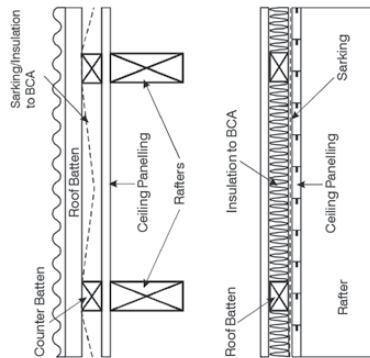
Timber merchants should fully protect timber panelling to ensure minimal change in moisture content during storage and handling. The builder is responsible to ensure that the panelling remains at the appropriate moisture content at the time of installation. Panelling should therefore be delivered to site as close as possible to the time of installation and be protected from weather exposure and other sources of dampness on site.

For short term protection, panelling may be stored on site, provided packs are fully wrapped in plastic and protected from rain and sun exposure. Packs should be a minimum of 150 mm above ground with supports at 450 mm centres. The ground should be reasonably level and moisture uptake from the ground should be prevented.

Notes:
1. Should panelling become wet, problems such as stain, discoloration, opening up of joints, etc. may occur. Continued wetting may also promote mould growth or blue stain.

CEILING PANELLING FIXED ON TOP OF RAFTERS

It is important to protect ceiling panelling, fixed to the top of rafters, from rain or heavy dew. Installation during wet periods should be avoided. Directly after installation the panelling should be covered with a vapour permeable sarking. If counter battens are used sarking may be fixed over the counter battens. In either case it is important to install the roofing as quickly as possible after the panelling is in place. Panelling should be fixed with two flat head nails through each board at each support. For 12 mm thick panelling, 40 mm x 2.5 mm nails should be used and for 19 mm or 20 mm thick boards, 50 mm x 2.5 mm nails.



WALL PANELLING AND CEILING PANELLING FIXED TO THE UNDER SIDE OF RAFTERS

Where the wall or ceiling surface is uneven, dressed 42 mm x 19 mm (minimum) battens may be installed for 12 mm thick panelling, or for 19 mm and 20 mm panelling 42 mm x 35 mm (minimum) may be used.

Where it is necessary to pack out the battens at fixing points to achieve a plain surface, timber wedges or other rigid materials may be used. Face nailed panelling should be fixed with two bullet-headed nails through each board at each support. For 12 mm thick panelling 40 mm x 1.6 mm nails should be used and for 19 mm or 20 mm thick boards, 50 mm x 1.8 mm nails. The heads may be left flush with the surface, or punched and filled with a colour matching wood filler.

Boards with cover widths up to 90 mm may be secret nailed with one nail at each support. For cover widths up to 135 mm, secret fixing may be achieved if both secret nailing and gluing are used in combination. Nail sizes to be the same as for face nailed panelling.

FINISHING

Clear finishes are the most serviceable for interior applications however care is necessary when choosing the finish as some finishes have the potential to bond board edges together at the tongue and groove joint. This may result in wide irregular gapping between some boards or may cause some boards to split. It is therefore recommended that finishes and finish systems be used that do not promote gluing. Tung oil based finishes or finish systems containing

a bond breaking sealer followed by polyurethane top coats are considered appropriate.

Stains may be used to achieve special colour effects, however experimentation first with a number of offcuts is recommended. Where a clear finish is used over a stain, it is necessary to check with the manufacturer to ensure the clear finish is compatible with the stain.

Finishes should be applied in accordance with the manufacturer's specifications. Panelling can 'darken' or 'yellow' very quickly, if exposed to direct sunlight. Darkening may also occur over a period of years through indirect sunlight which may cause colour variations between the timber and the filler. This darkening may be significantly reduced if water based finishes are used.

Where a stained or paint finish is used, undercoat colour matched to the top coat or the first coat of stain should be applied before installation. This will minimise the visual impact of colour variation at joints if boards subsequently shrink.

MOVEMENT DUE TO MOISTURE CHANGES AFTER INSTALLATION

Timber is a natural product that responds to changes in weather conditions. During periods of high humidity timber will absorb moisture from the air and this causes it to swell or increase in size. Conversely, during drier times when humidities are low, timber will shrink, reducing in size. Unless T & G panelling is placed in a permanently controlled environment, it will move in response to changing environmental conditions. Gaps between individual T & G boards can be expected as the panelling accommodates seasonal changes. Provided the moisture content was not too high at installation or the finish has not bonded board edges together, the panelling should be able to accommodate this movement. Exposure to the sun through windows and heat from fireplaces may cause additional shrinkage in affected areas. It is also important to note that finishes will not prevent timber movement due to moisture changes, but may reduce the rate of response to these changes.

NOTE

1. Moisture uptake after installation may cause 'tinting' of individual boards, or the accumulated expansion of the panelling may abrade the adjacent boards.
2. Applying a finish to the back of the boards prior to installation can assist in reducing moisture change effects.

PRECAUTIONS WHEN INSTALLING

Moisture laden air, which can occur in bathrooms and laundries, can adversely affect untreated and inadequately finished panelling. When panelling is installed in these rooms good ventilation is necessary. Recommended practices for installing panelling in these rooms are:-

- a vapour barrier should be fitted behind the panelling to protect adjacent walls from humid air.
- cut panelling to size and dip or completely flood brush with a water repellent preservative.
- apply one coat of clear finish to all surfaces of the panelling (including ends) prior to installation and two to four additional coats of the finish onto the exposed surfaces after installation.
- fix the panelling using non-corrosive nails such as hot dipped galvanised silicon bronze or stainless steel nails.

TABLE 1: MAXIMUM SPACING OF SUPPORTS

Application	Lining Thickness (mm)	Spacing (mm) of Supports at:
Wall	12	90° to Lining 600
	19 & 20	45° to Lining 1000
Ceiling	12	600
	19 & 20	1200

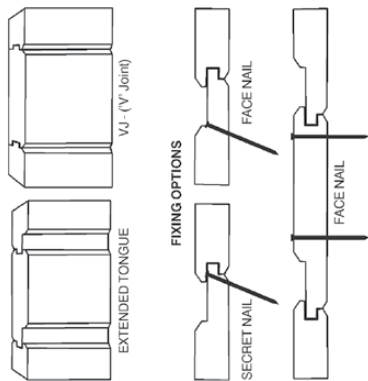
Note:
For lining used as a non-trafficable roof, 45/68° may require reduced spacing of supports.



Panelling is not recommended for wall areas where it would receive frequent wetting e.g. shower and bath surrounds, basins and splashbacks.

EXAMPLES OF PROFILE TYPES

Note: Other profiles are available subject to negotiation with individual suppliers/manufacturers.



SAFE WORKING

Working with timber produces dust particles. Protection of the eyes, nose and mouth when sanding, sawing and planing is highly recommended. Refer to tool manufacturers for safe working recommendations for particular items of equipment.

DISPOSAL OF OFFCUTS AND WASTE

For any treated timber, do not burn offcuts or sawdust. Preservative treated offcuts and sawdust should be disposed of by approved local authority methods.



TIMBER QUEENSLAND
We Build Queensland

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TDS 22 - LOSP Preservative Treated Timber



TECHNICAL DATA SHEET
ISSUED BY TIMBER QUEENSLAND

22

LIGHT ORGANIC SOLVENT PRESERVATIVE TREATED TIMBER

RECOMMENDED PRACTICE // MARCH 2014

This data sheet covers Light Organic Solvent Preservative (LOSP) treated timber which may be used inside as a termite resistant material or outside above ground, in weather exposed applications, where protection against termites and decay is needed. For continued satisfactory performance of LOSP treated products, the recommendations below should be followed, along with specific recommendations relating to individual product applications (e.g. for decking refer to Timber Queensland Technical Data Sheet No. 4 and 13 and for H3 LOSP treated timber, refer to Technical Data Sheet No. 24).

LOSP TREATED TIMBER
LOSP systems get their name from the solvent (white spirits) which may contain various fungicides and insecticides. The treatment chemicals are used in an industrial process to increase the durability of a range of softwoods and hardwoods.

When treated for internal or dry applications (H2 level), the timber will be protected against termite and borer attack. This is generally applicable to house frames, trusses and other internal timbers. When timbers to be used in damp or weather exposed above ground applications (H3 level), it will resist fungal attack as well as insects, including termites. An appropriate finish system is necessary to inhibit mould growth on the surface and reduce the effects of weathering. Some LOSP formulations also contain waxes and resins which act as water repellents to reduce moisture uptake during construction, and in so doing provide greater short term product stability.

MOISTURE CONTENT

Before treatment, timber is dried to end use moisture content requirements. The LOSP treatment process does not increase the moisture content of the timber and therefore both moisture content and dimensional stability are maintained during the treatment process. This enables profiling and sizing of timber products before preservative treatment (e.g. handrails and framing).

PRODUCT IDENTIFICATION

Where compliance with AS 1604 is specified, treated products must be branded (often on one end). An example is shown in Figure 1. The preservative code numbers used for LOSP treated timbers are given in Australian Standard 1604.1: Timber – Preservative Treated – Sawm and Round. Some treated timber may contain a colour pigment to help with identification but often there will be no distinctive colour associated with the treatment. The pigments that may be used are not generally intended to be colour fast and will fade with sun exposure. Some LOSP treated timber may be supplied pre-primed if exposed to the weather.

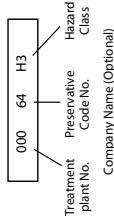


Figure 1 - Preservative treatment identification

When exposed to the weather, LOSP treated timber should also have a finish applied. Once applied, it will need to be maintained at regular intervals. Depending on the degree of exposure, aspect and frequency of wetting, some finishes may require more frequent maintenance.

LOSP treatment is not corrosive. Once residual solvent has evaporated, nailing or plate holding ability is not affected. Fixings should therefore be in accordance with applicable product data sheets for untreated timber.

The presence of residual solvents or use of water repellents in some treatments may affect the glue fixing to LOSP treated timber and the manufacturers advice should be sought.

FINISHING

External and Internal Applications

Some LOSP treated timber may be supplied pre-primed for external applications. Providing the primer is of good quality it may have an undercoat applied over it. If the primed surface is powdery, flaky or sticky, the primer should be removed and the timber reprimed using a solvent (oil) based primer. A 'X' test using a Stanley knife and adhesive tape may be used to substantiate adequate adhesion.

Residual solvent may affect the drying and hardening of some paints. It is recommended that unprimed LOSP treated timber be left for a minimum of 7 days before priming with an oil-based primer. If ventilation is limited or conditions are either cold or wet, a longer period is suggested. Timber treated to an H2 level may contain dyes that are mobilised by the paint and become visible after painting. There are doubts concerning these issues, a small test area should be tried. The paint should dry and harden within the timeframe outlined by the paint manufacturer and dyes should not become visible through the primed surface. If dyes become visible the surface should be sealed with an appropriate sealer prior to further finishing. Refer to paint or treatment chemical manufacturer's recommendations.

NOTE:

(i) Timber surfaces need to be moisture and solvent dry before painting.
(ii) The effectiveness of a primer is greatly reduced if exposed to the weather for long periods. For best results primed surfaces should be painted within a week of exposure.

(iii) The LOSP treatment process does not prevent mould growth on the surface of timber that may become wet after installation. The application of an appropriate paint system, soon after installation will greatly reduce likelihood of mould growth.

Resin bleed may occasionally occur in some softwoods. This can cause discoloration of the paint or it may soften and lift. If resin bleed occurs, the timber should be left to weather until the bleed stops. The exuded resin should then be removed and areas where bleed has occurred should be sealed. Two-pack polyurethane has been shown to be an effective sealer.

When an alkyd (oil based) paint finish is chosen, an oil based undercoat should be applied over an oil based primer, followed by two topcoats of oil based enamel. For an acrylic (water-based) paint finish, a water-based undercoat should be applied over an oil based primer, followed by two acrylic topcoats. In both cases quality

paints should be used in accordance with the paint manufacturer's recommendations.

For alternative systems refer to the paint manufacturer.

Stain and clear finishes:

External applications
Treated timber should be left for a minimum of 7 days before any stain or clear finish is applied. One coat of water repellent should then be applied followed by two or three coats of oil based stain or clear finish. Oil based semi-transparent or solid colour penetrating stains are recommended for external applications. Oils or water repellents, if used, generally require more frequent maintenance, particularly in exposed situations.

NOTE:

(i) Timber surfaces need to be moisture and solvent dry before coating.
(ii) The LOSP treatment process does not prevent mould growth on the surface of timber that may become wet after installation. The application of an appropriate finish system soon after installation will greatly reduce likelihood of mould growth.

Internal applications

A range of stains and clear finishes are available for internal use. Oil based stains and polyurethanes may be applied directly to the product. If an acrylic or water-borne finish is desired, these should be applied over a sealer recommended by the finish manufacturer. If dyes are present in H2 treated material, darker stains are recommended as the dye may affect the colour. It is suggested that a small test area should be tried.

NOTE:

(i) The stain or clear finish manufacturer's advice should be sought prior to applying the finish to ensure compatibility of products.
(ii) With TBC products, some finishes may bond board edges together causing irregular cupping due to seasonal movement.
(iii) Oil and solvent based finishes usually dry faster with time. This drying may be significantly reduced with water based finishes are used.


For alternative systems refer to the finish manufacturer.

SAFE WORKING

Working with timber produces dust particles. Protection of the eyes, nose and mouth when sanding, sawing and planing is highly recommended. Refer to tool manufacturers for safe working recommendations for particular items of equipment.

DISPOSAL OF OFFCUTS AND WASTE

As with all treated timber, do not burn offcuts or sawdust. Preservative treated offcuts and sawdust should be disposed of by approved local authority methods.



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