

# EliteLine

decorative panelling



# EliteLine panelling brings back the warmth and good looks of real wood to your home or work place

IPL EliteLine is a high quality wood panel which combines the appearance of traditional tongue and groove timber lining with the strength of plywood.

The simple charm of colonial style rooms can be re created and the most modern interiors can be designed with EliteLine. Achieve different effects with horizontal or diagonal fixing and unusual and dramatic paint or stain finishes.

Choose EliteLine in knotty or clear finish for interior wall panelling, feature walls, ceilings, furniture, cabinetry, shopfittings and commercial interiors. EliteLine is also available in a treated grade for soffit linings.

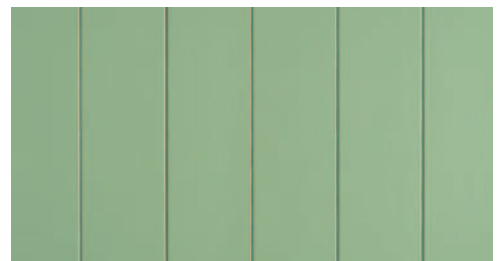
IPL EliteLine has superior strength and rigidity, it's resistant to impact and knocks, is light to handle and easy to work with. No special tools are required.



EliteLine Clear



EliteLine Knotty



EliteLine Painted

## Specifications

<b>Thickness</b>	7mm (3 ply)	9mm (5 ply)	12mm (5 ply)
<b>Sheet Cover</b>	2400 x 1200mm	2400 x 1200mm	2400 x 1200mm
<b>Edge Profile</b>	Square edge with half V groove	Square edge with half V groove	Tongue & groove with half V groove*
<b>Face Grade</b>	Select clean	Select clean or knotty	Select clean/knotty/paint grade or select grade with band sawn finish
<b>Face Profile</b>	4mm V groove at 100mm centres		
<b>Adhesive</b>	Type A phenolic		
<b>Wood Species</b>	Pinus Radiata		
<b>Treatments</b>	Available in LOSP H3.1		

\* 4mm groove at 100mm, 150mm or 200mm centres.  
NOTE 150mm and 200mm grooves available only in 12mm.  
*All thicknesses available pre-primed on request.*

## Installation

Thickness		7mm	9mm	12mm
Walls	Fixed vertically, max stud spacing with two rows of dwangs	<b>400</b>	600	900
Ceilings or Soffits	Sheets placed longways over framing	400	600	1200

Fix to framing in accordance with the table.

\* Thicker V profiled plywood to give greater span and to allow heavier loadings is available.

***When using 7mm in soffit situation, nail at 150mm centres and make sure to keep dry to avoid moisture uptake resulting in buckling.***

## Fixing

### Nailing

Use 30 x 1.8 panel pins on 7mm EliteLine and 40 x 2.0 panel pins on 9mm and 12mm EliteLine.

Nailing is to be placed at 150mm centres at edges and 300mm through centre of sheets.

When using EliteLine, especially 7mm, in areas where there is likely to be moisture present allow expansion gaps for any moisture uptake.

EliteLine not recommended for use as bracing as bracing values only attained using flathead nails which would detract from visual aspects of the panels.

### Screwing

Use No 8 gauge x 25mm for 7mm EliteLine, No 8 gauge x 30mm for 9mm EliteLine and No 8 gauge 40mm for 12mm EliteLine. Use same spacings as for nails as above. In exterior situations use stainless steel screws.

### Gluing

EliteLine can be fixed using panel

adhesives to manufacturers specifications in conjunction with nailing or by applying the adhesive and then keeping under pressure until the adhesive has cured.



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## Curved Walls or Ceilings

EliteLine can be used for curved applications as in ceiling and feature walls.

The following table shows recommended minimum bending radii.

Curvature			
Thickness	7mm	9mm	12mm
Along Face (m)	1.8	3.6	3.6
Across Face (m)	0.6	2.2	2.2

## Finishing

Punch nails, apply a clear, primer or sealer first coat and fill nail holes. There may be some fibre lift after the first coat which will require sanding.

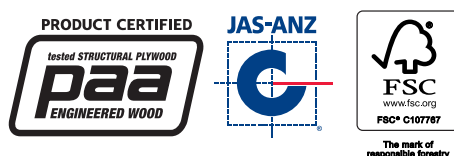
Choose high quality paints, stains or clear coating systems to the manufacturers' specifications. Tinted clear finishes can be used to bring out the woodgrain effect.

For a natural timber look matt finishes and paints are recommended.

If EliteLine is installed in wet areas such as bathrooms or laundries it should be protected by good quality coating systems.

If EliteLine is used as a soffit or porch lining LOSP H3.1 treated panels are recommended.

Do not use where it is in all day sun as it is prone to sun checking (fine cracks caused by expansion & contraction).



*IPL EliteLine is manufactured to comply with AS/NZS 2269:2008.*



INTERNATIONAL PANEL & LUMBER (WEST COAST) LTD  
3 Trickies Road, Greymouth, New Zealand, PO Box 179  
Telephone 03-762 6759, Facsimile 03-762 6789,  
Freephone 0800 650 801, Freefax 0800 650 802, Email sales@tuffply.co.nz  
Website www.iplplywood.co.nz

## Fire

EliteLine will come under section 3 of Early Fire hazard Properties. To gain higher rating intumescent coating can be used. For technical information on these contact Firepro 09-579 2511.

## Acoustics and Sound Insulation

Plywood is an excellent reflector of sound and using it on a double-sided partitioning wall will reduce the noise level being transmitted by approximately 35 decibels.

## Storage

Keep dry, store under cover, stack flat clear of ground with faces away from possible exposure from dirt and grime.

## Product Warranty

IPL EliteLine carries a 12 month warranty against faulty materials or workmanship by the manufacturer to the extent of replacement of the product but not including any indirect or consequential loss subject to the provisions of the Consumer Guarantees Act 1993.

This warranty applies only where the product has been used in accordance with the recommendations.

Any defect must be advised to the manufacturer within 21 days of determination or from the day such defect should have become known.

**EliteLine Wood Panelling is available from most building supply merchants.**