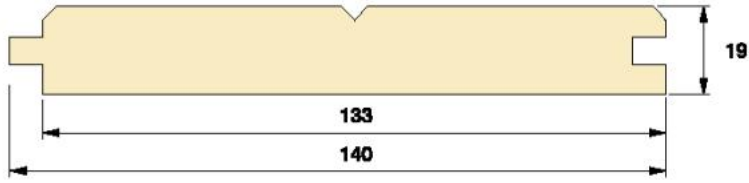
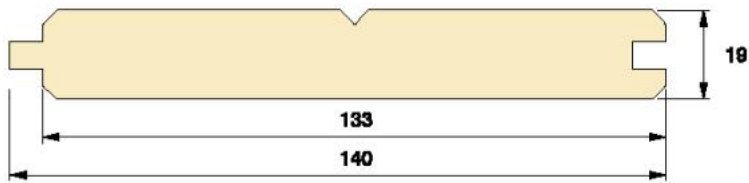


A range of designs

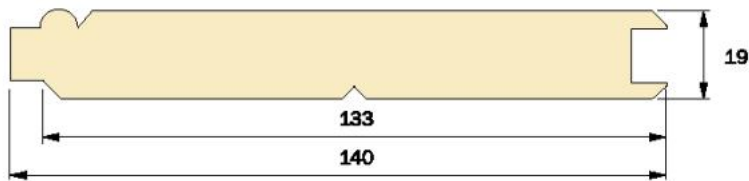
Panelling is available in six different profiles and can be arranged in a vertical, diagonal, horizontal or dado design.



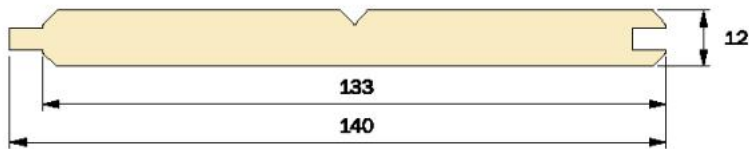
Profile 312



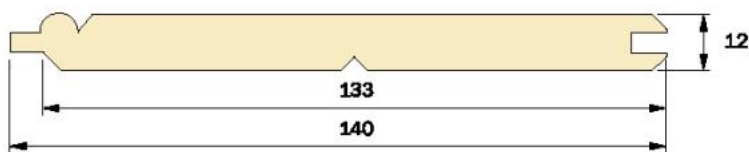
Profile 317



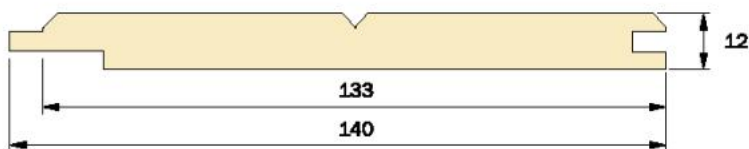
Regency Lining - 19mm*



Profile 302



Profile 321



Profile 322

*Available from Myrtleford Mill only

Storage and maintenance

Smartfinish Lining cannot be permanently scuffed like painted plaster boards, so it's easier to maintain. However, to help preserve the appearance and durability, we recommend safeguarding your boards against the effects of moisture, sunlight and mishandling. Just follow the tips below:

- Delay delivery of Smartfinish Lining until after the roof, windows, plumbing and electrical services are installed. It is also beneficial to allow all temporary areas of moisture to dry out before installation.
- Store Smartfinish Lining under cover at least 150mm off the floor and on bearers not more than 450mm apart.
- Smartfinish Lining should be acclimatised in the room prior to installation for several days. This will bring the moisture content of the boards to an acceptable level.

Plumbing and electrical services should be installed by qualified tradespeople.

Getting Started

Once you have chosen your preferred design, you can calculate how much Smartfinish you need to line the surface area. If you're using specified board lengths, multiply the boards per metre width by the total horizontal length in metres of the surface area. Then add 10% for trimming.

Profile	Cover Width (mm)	Boards per (m) width
302, 321, 322, 312, 317, Regency Lining	133	7.52

If you're using random lengths, multiply the area in square metres to be covered by the number of boards per metre width. Again add 10% for wastage. When lining diagonally, increase these figures by 15% for trimming.

Preparing a surface for Smartfinish Linings

Always check that your surface is even. Use a spirit level over the entire surface, and then pack any dips or bumps. For best results, ensure the surface provides adequate support by installing pieces of packing between the walls and the battens. See the table below for recommended spacings.

Use	Lining Thickness (mm)	Spacing (mm) supports at: 90° to Lining 45° to Lining	
Wall Lining	12	800	600
	19	1800	1200
Ceiling Lining	12	600	450
	19	1200	900

If you need to install support battens, wooden battens of 42 x 19 mm placed 600 mm apart can be used to fix panelling to most walls. Horizontal battens will accommodate vertical and diagonal panelling and vertical battens will support horizontal panelling. Remember to leave space for ventilation, particularly in steamy areas like kitchens, bathrooms or laundries. For a stable surface, fix the battens with screws and wall plugs.

Once the battens are installed, you can fix your panelling with glues, nails, clips or screws,

checking with a spirit level as you go.

Installing Smartfinish Linings

For best results, we recommend a combination of nailing and adhesive fixing. Apply wall board adhesive to the fixing batten, and use fine panel pins (eg 25 mm x 1.4 mm) to hold the board in place while the adhesive cures. Ensure you do not place adhesive in the tongue-and-groove joint, as this prevents the timber adjusting to changes in humidity and may cause splitting.

Range

Smartfinish Dressed Boards are made from radiata pine, with no added chemicals. With a smooth finish, Smartfinish Dressed Boards are easy to use and ready for painting, staining, or white-liming.

A range of grades

There are three grades to choose from:

Standard Grade is suitable for applications where aesthetics are important, such as blanket boxes, bookshelves and bedside tables. It is available cut to specific lengths and requires minimal docking and surface finishing.

Run of Mill Grade Dressed Boards are used in the same applications, however docking and/or surface finishing may be necessary to remove unsightly knots, sap stains, or trenching.

Merchantable (industrial) Grade is suitable for applications where visual appearance is not important such as the back of bookcases or draw linings. When used for display, it requires docking or surface finishing.

To grade Smartfinish Dressed Boards:

1. Find the clearer face by looking at both sides of the piece.
2. Identify the largest characteristic on the piece of timber.
3. Estimate the size of the characteristic by eye. Keep a tape-measure handy to check your estimate.
4. Compare the size, quality or number of times the characteristic occurs against the grading rules, which are available from the PTAA on 03 9859 2455.

End-Section	Grade	Finish	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6	R2.4	R3.6	R4.8	R5.4	R6.0
42x19	S&B	DAR	X	X	X	X	X	X	X	X	X	X		X	X	X	X
	Industrial	DAR											X	X	X	X	X
70x19	S&B	DAR	X	X	X	X	X	X	X	X	X	X		X	X	X	X
	Industrial	DAR											X	X	X	X	X
90x19	S&B	DAR	X	X	X	X	X	X	X	X	X	X		X	X	X	X
	Industrial	DAR											X	X	X	X	X
120x19	S&B	DAR											X	X	X	X	X
	Industrial	DAR											X	X	X	X	X
140x19	S&B	DAR	X	X	X	X	X	X	X	X	X	X		X	X	X	X
	Industrial	DAR											X	X	X	X	X
170x19	S&B	DAR											X	X	X	X	X
	Industrial	DAR											X	X	X	X	X
190x19	S&B	DAR	X	X	X	X	X	X	X	X	X	X		X	X	X	X
	Industrial	DAR											X	X	X	X	X
240x19	S&B	DAR	X	X	X	X	X	X	X	X	X	X		X	X	X	X

	Industrial	DAR											X	X	X	X	X
290x19	S&B	DAR	X	X	X	X	X	X	X	X	X	X		X	X	X	X
	Industrial	DAR											X	X	X	X	X
35x35	S&B	DAR															
	ROM	DAR			X	X	X	X	X					X	X	X	X
	Industrial	DAR			X	X	X	X	X					X	X	X	X
42x42	S&B	DAR												X			
	ROM	DAR			X	X	X	X	X					X	X	X	X
	Industrial	DAR			X	X	X	X	X				X	X	X	X	X
70x70	F5/FURN	DAR	X	X	X	X	X	X	X					X	X	X	X
90x90	F5/FURN	DAR	X	X	X	X	X	X	X					X	X	X	X
140x12	S&B	DAR											X	X	X	X	X
	Industrial												X	X	X	X	X
S&B - Standard & Better Grade ROM - Run of Mill Grade F5/FURN - Furniture Grade DAR - Dressed or Rounded Finish																	

Finishes and handling



Personal protection

Carter Holt Harvey recommends you take the following safety precautions when working with Smartfinish:

1. Always work in a well-ventilated room.
2. All sawing, sanding and machining equipment should be fitted with a dust extraction system.
3. When dust exceeds recommended safe levels, a disposable face mask, safety glasses, long-sleeved shirt, trousers and comfortable work gloves should be worn at all times.

Applying finishes

Radiata pine can be coated with clear finishes to bring out the natural colours of the timber. Alternatively, you can use a liming finish, or transparent stain, then coat it with a clear sealer to stop surface marking.

In wet areas such as bathrooms, seal backs of boards and end-grain with a pre-coat to protect against moisture.

Avoid excessive application to the tongue-and-groove joint. Generally, film-forming finishes such as polyurethanes and acrylics are suitable for high-wear areas as they are easy to clean.

