HUME PINE (NZ) Ltd

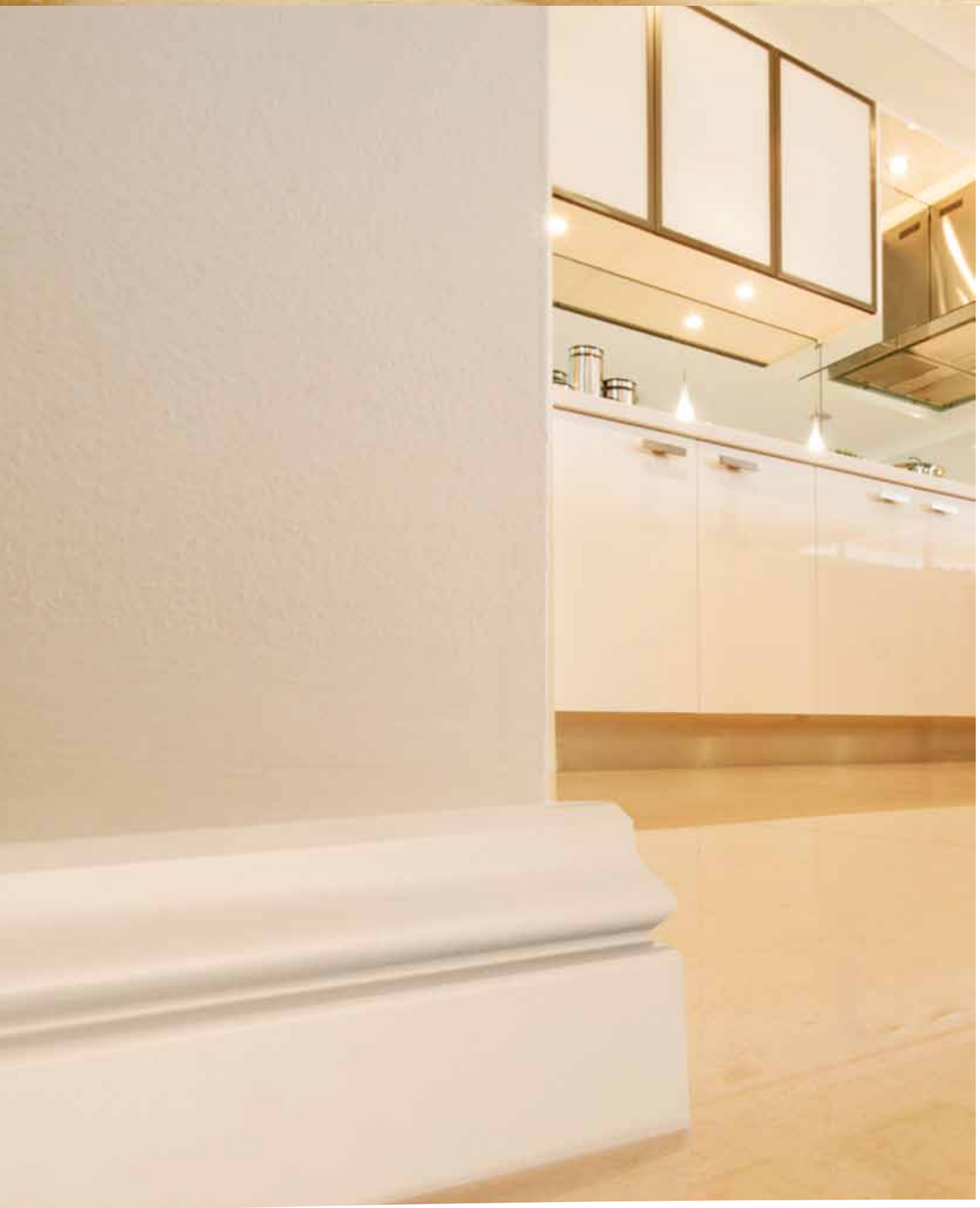
01 JUNE 2016

Pinetrim, Pineclad and flawlessly finished Silktrim® are the preferred choice for the ultimate finish in profiled moulding products.

Embracing environmental awareness, protection and enhancement, Hume Pine (NZ) Ltd is FSC certified by the Rainforest Alliance.

FSC
www.fsc.org
FSC® C021533
The mark of responsible forestry

RAINFOREST ALLIANCE CERTIFIED



The Company

Established in 1953, the Hume Doors & Timber Group has grown to become Australia's largest one hundred percent Australian-owned timber door manufacturer.

Ever expanding, the family-owned Hume Doors & Timber Group proudly acquired the New Zealand remanufacturing plant of John Crean & Co Ltd in September 2003, to form Hume Pine (NZ) Limited.

Offering invaluable experience and knowledge, the Hume Doors & Timber Group manufactures and is a leading supplier of the most comprehensive range of finishing timber and door products. The Group consists of manufacturing and warehouse operations in New Zealand, Australia, Malaysia and the United States. Hume Pine (NZ) operates two manufacturing units and a distribution centre from its sites on Te Ngae Road, Allen Mills Road and Hamiora Place in Rotorua.

The Hume Doors & Timber Group employs over one thousand personnel and is focussed on product quality and customer satisfaction in this ever-changing global market. The amalgamation of two such reputable and established companies has allowed for the availability of an even wider product range. Hume Pine (NZ) has an expert team of over one hundred employees and continues to grow and expand.

Specialising in the manufacture and supply of quality mouldings and dressed products, Hume Pine (NZ) currently services many reputable domestic and international distributors, including the demanding markets of the United States and Australia. Our company is able to offer supply of dressed boards, door jambs, panelling and external cladding in radiata clears, finger jointed clears, dressing grade, Merch & Better and Pacific Rimu. These products are available in raw, treated H3.1, pre-primed and treated H3.1 pre-primed. We also offer a selected range of cut-to-length products.

With an extensive range of quality pine mouldings, devoted customer service and value for money, you'll need look no further than Hume Pine (NZ) for your timber boards and moulding service requirements.

Embracing the Environment

Hume Pine (NZ) embraces environmental awareness, protection and enhancement. This is illustrated by our commitment to using suppliers who achieve sustainable management of natural forest and safeguard the ecological balance and incorporate local community and global ethics.

Hume Pine (NZ) strives to ensure that our preferred suppliers of wood-based materials have FSC Certification and/or similar independent accreditation and abide by guidelines and hold the principles of these standards.

We will not use, manufacture or market any product or service unless we have total satisfaction that it can be achieved safely and with care for the environment.

HUME PINE (NZ) Ltd

Our Products

At Hume Pine (NZ) we believe that good design depends on attention to detail and a good quality of finish. For this reason, our Pinetrim, Silktrim and Pineclad range of profiles are manufactured with care and in accordance to industry standards to give your home the finishing detail it deserves.

Our products are available in modern and contemporary profiles to simplify or create a feature of your home's design. We also offer a custom-made service to your specification, should you wish to create a unique finish to your project.

Pinetrim

Natural Timber Moulding Profiles:

Silktrim®

HMR MDF Moulding Profiles:

Pineclad

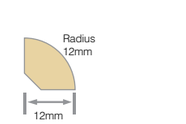
Pre-primed Timber Weatherboards & Moulding Profiles:

Pinetrim Natural Timber Moulding Profiles

Hume Pine (NZ) produces Pinetrim moulding profiles from plantation-grown, clear and finger jointed, radiata pine, which is graded, defected, kiln-dried and finger jointed prior to machining. Pinetrim mouldings are also available treated to hazard class H3.1 and factory primer-coated in untreated or H3.1.

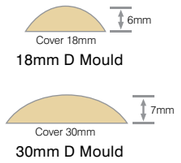
Refer to page 18 for information on Pinetrim installation, finishing and health & safety.

Pinetrim: Interior Moulding Profiles



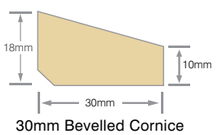
12mm Quad

18mm Quad

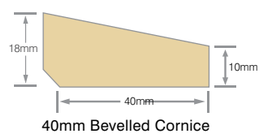


18mm D Mould

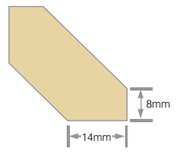
30mm D Mould



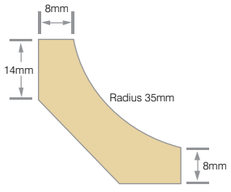
30mm Bevelled Cornice



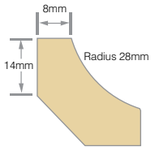
40mm Bevelled Cornice



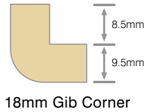
28mm Bungalow



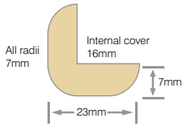
35mm Scotia



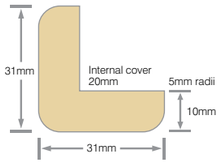
28mm Scotia



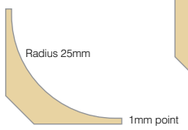
18mm Gib Corner



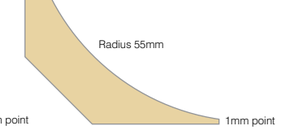
16mm External Angle



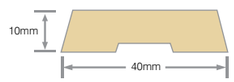
20mm External Angle



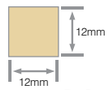
28mm Coving



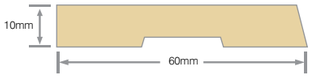
44mm Coving



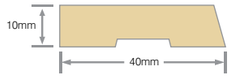
40 x 10mm Double Bevelled Architrave



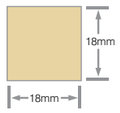
12 x 12mm D4S



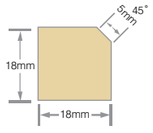
60 x 10mm Single Bevelled Architrave



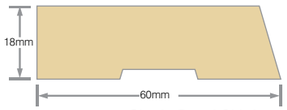
40 x 10mm Single Bevelled Architrave



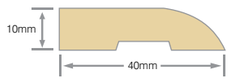
18 x 18mm D4S



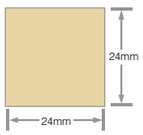
18 x 18mm Eavesmould



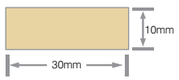
60 x 18mm Single Bevel Skirting



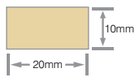
40 x 10mm Bullnose Architrave



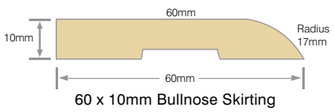
24 x 24mm D4S



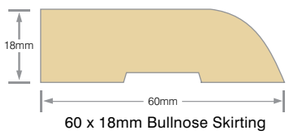
30 x 10mm D4S



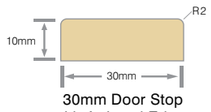
20 x 10mm D4S



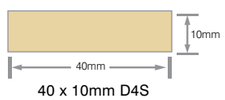
60 x 10mm Bullnose Skirting



60 x 18mm Bullnose Skirting

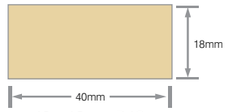


30mm Door Stop with Arrissed Edges

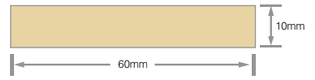


40 x 10mm D4S

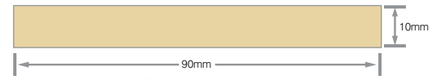
Pinetrim: Interior Moulding Profiles (continued)



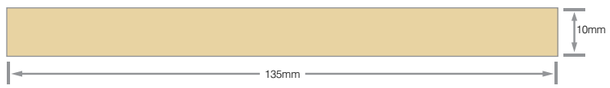
40 x 18mm D4S



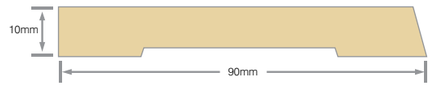
60 x 10mm D4S



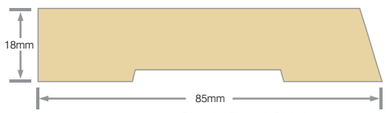
90 x 10mm D4S



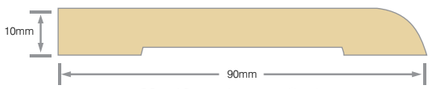
135 x 10mm D4S



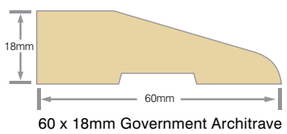
90 x 10mm Single Bevelled Skirting



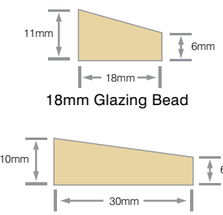
85 x 18mm Single Bevel Skirting



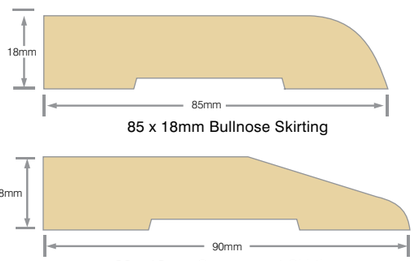
90 x 10mm Bullnose Skirting



60 x 18mm Government Architrave



18mm Glazing Bead



85 x 18mm Bullnose Skirting

30mm Glazing Bead

90 x 18mm Government Skirting

26mm Astragal

12mm Glazing Bead

135 x 18mm Splay Architrave

Lino Capping

12mm Angle Fillet

18mm Angle Fillet

90 x 18mm Splay Architrave

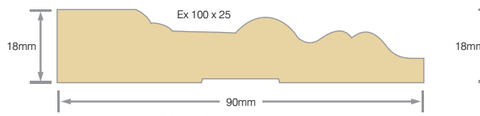
24mm Angle Fillet

42mm Angle Fillet

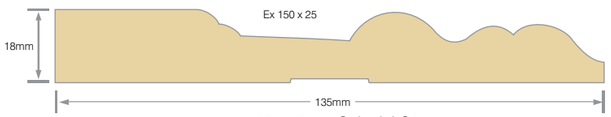
60 x 18mm Splay Architrave

Pinetrim

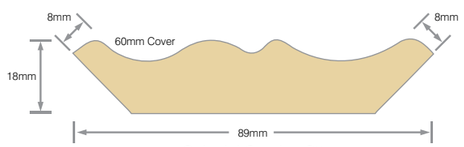
Pinetrim: Colonial Profiles



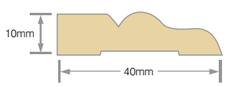
90 x 18mm Colonial C1



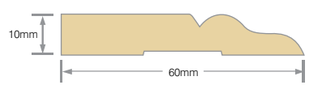
135 x 18mm Colonial C2



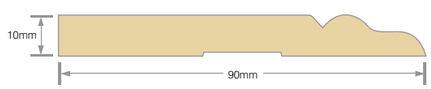
Colonial Cornice C3



40 x 10mm Oz Colonial

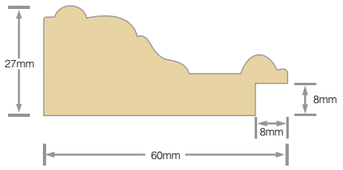


60 x 10mm Oz Colonial

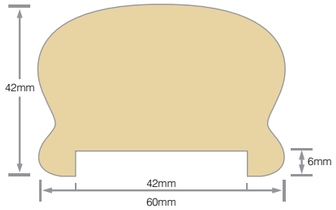


90 x 10mm Oz Colonial

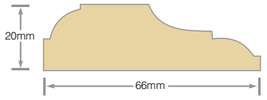
Pinetrim: Decorative Profiles



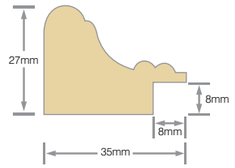
60mm Picture Mould



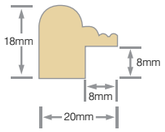
60mm Handrail



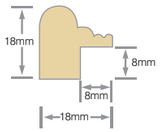
66 x 20mm Dado



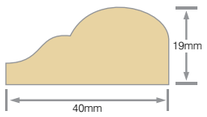
35mm Picture Mould



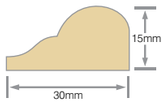
20mm Picture Mould



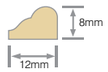
18mm Picture Mould



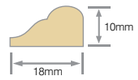
40mm Bolection



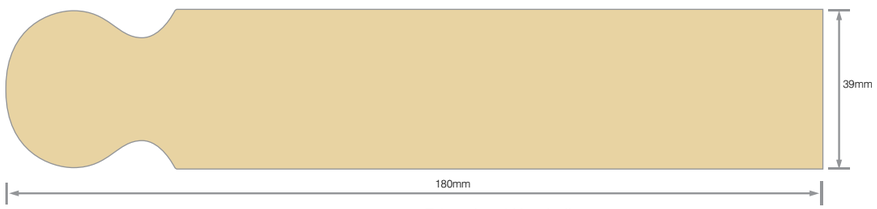
30mm Bolection



12mm Bolection



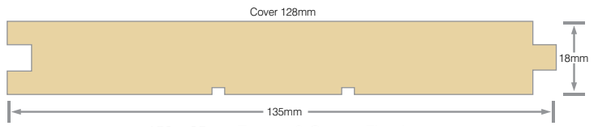
18mm Bolection



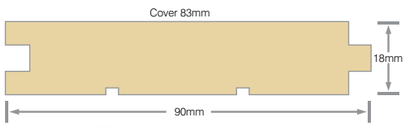
200 x 50mm Educational Handrail

Pinetrim

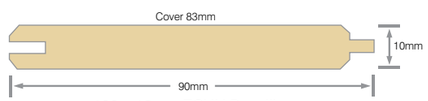
Pinetrim: Flooring & Panelling Profiles



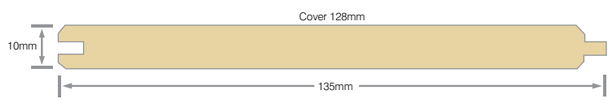
150 x 25mm Tongue & Groove Flooring



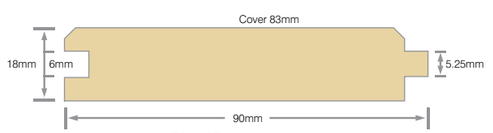
100 x 25mm Tongue & Groove Flooring



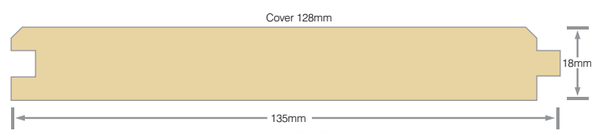
100 x 12mm TGVV Panelling



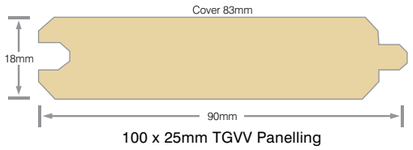
150 x 12mm TGVV Panelling



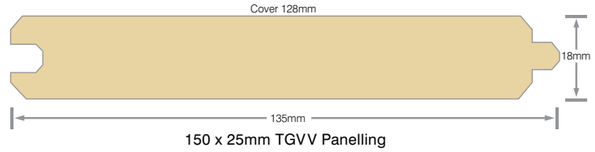
100 x 25mm TGV Reversible



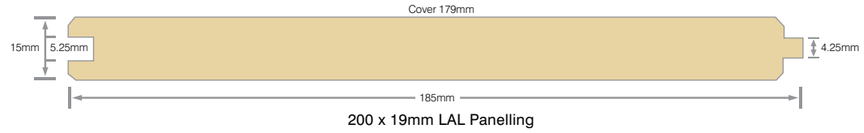
150 x 25mm TGV Reversible



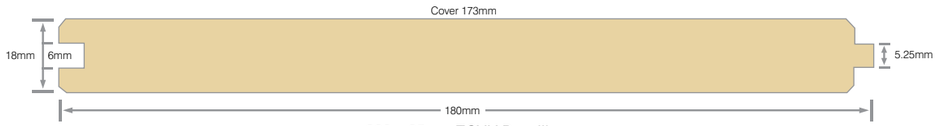
100 x 25mm TGVV Panelling



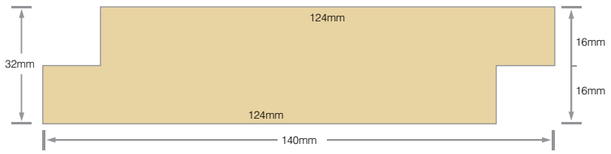
150 x 25mm TGVV Panelling



200 x 19mm LAL Panelling



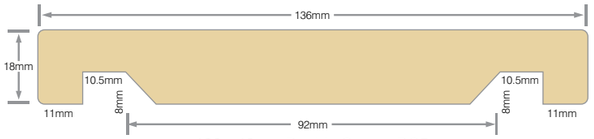
200 x 25mm TGVV Panelling



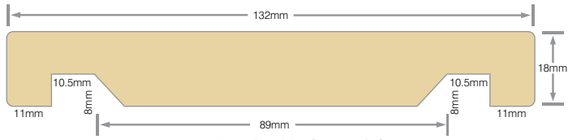
140 x 32mm Truck Lap

Pinetrim

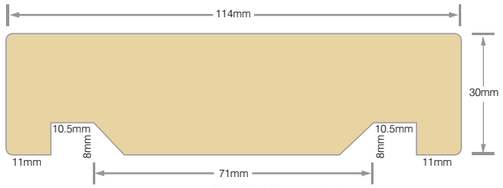
Pinetrim: Door Jamb Profiles



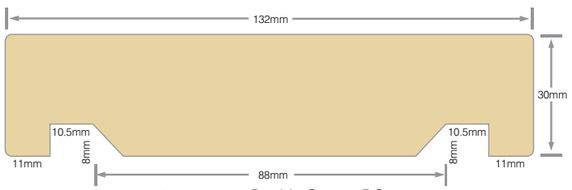
136 x 18mm Double Groove DG5



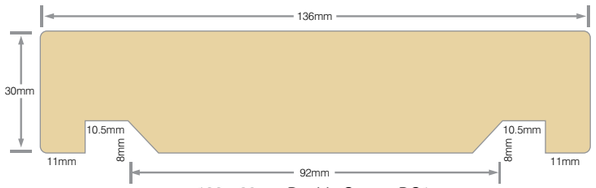
132 x 18mm Double Groove DG6



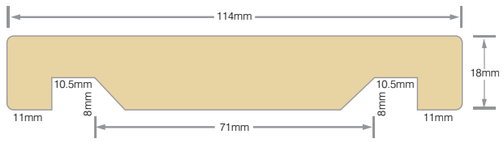
114 x 30mm Double Groove DG7



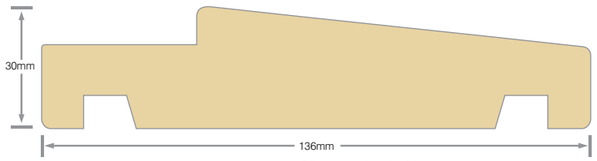
132 x 30mm Double Groove DG2



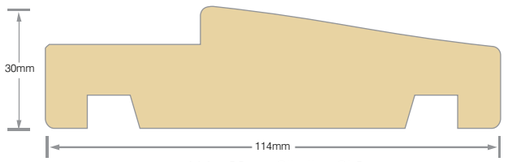
136 x 30mm Double Groove DG1



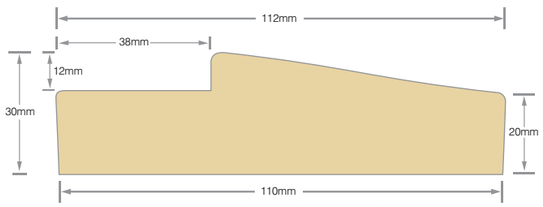
114 x 18mm Double Grove DG11



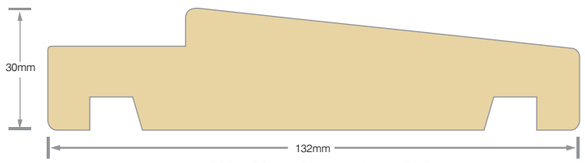
136 x 30mm Slimline Jamb SL3



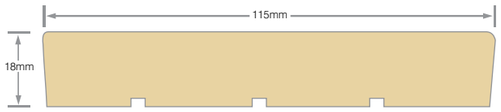
114 x 30mm Slimline SL8



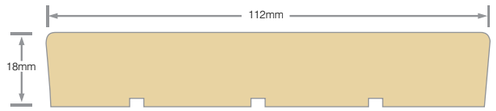
112 x 30mm Slimline Flat Jamb SL8A



132 x 30mm Slimline Jamb SL4



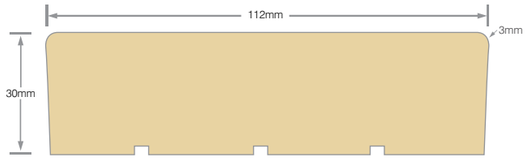
115 x 18mm Undershot Door Jamb US12



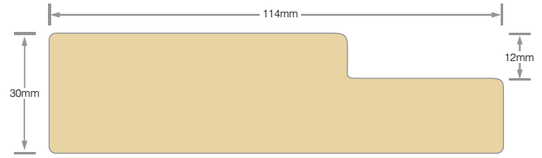
112 x 18mm Undershot Door Jamb US13

Pinetrim

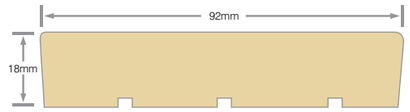
Pinetrim: Door Jamb Profiles (continued)



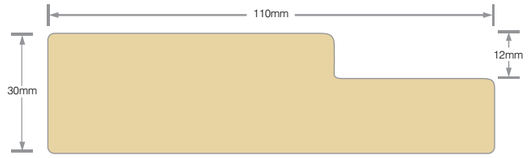
112 x 30mm Undershot Door Jamb US13A



114 x 30mm Rebated RB10

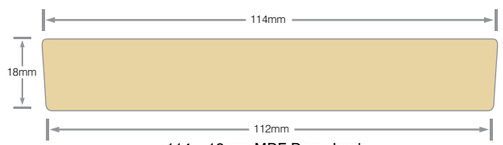


92 x 18mm Undershot Door Jamb US14

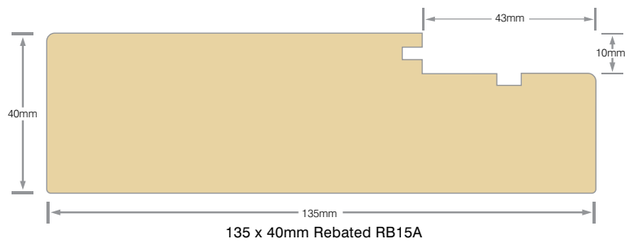


110 x 30mm Rebated Jamb RB9

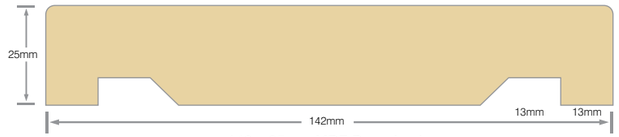
135 x 30mm Rebated RB15



114 x 18mm MDF Door Jamb



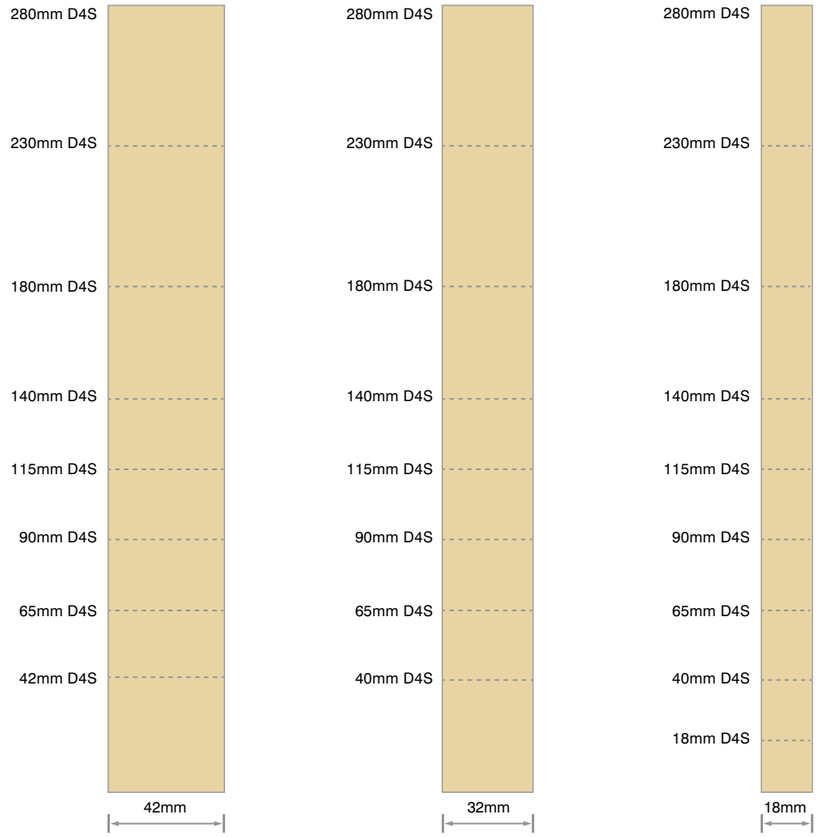
135 x 40mm Rebated RB15A



142 x 25mm MDF Door Jamb

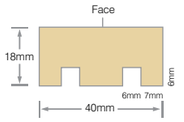
146 x 25mm MDF Door Jamb

Pinetrim: Square Dressed Board Profiles

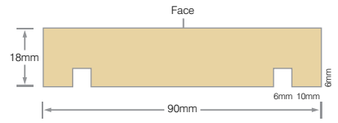


Pinetrim: Grooved Batten Profiles

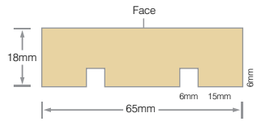
*Available in dressed and band sawn face



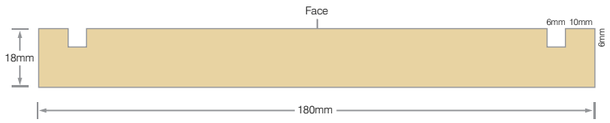
40 x 18 Grooved Batten



90 x 18 Grooved Batten

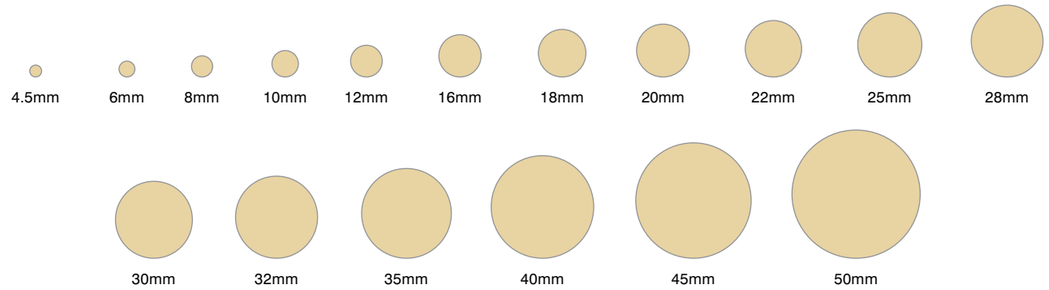


65 x 18 Grooved Batten



180 x 18 Grooved Batten

Pinetrim: Rod & Dowel Profiles



Handy Tips

- *Prior to installing, acclimatise the mouldings in the room where they are to be fixed for 24 to 48 hours. This will minimise further movement when installed.*
- *Start by cutting your moulding pieces a little longer than required—you can always trim some off.*
- *Pre-drill holes for nails to avoid splitting.*
- *Paint or stain mouldings prior to installing.*

Silktrim® HMR MDF Moulding Profiles:

Silktrim mouldings are manufactured from HMR (High Moisture Resistant) Medium Density Fibreboard, which is a reconstituted wood product containing wood fibre, waxes and formaldehyde resins. While Silktrim offers high moisture resistance, we do not provide a warranty on the product when used in the following applications:

- Around showers, baths, saunas, spas, laundries and other wet areas;
- For exterior applications such as swimming pools, carports and joinery;
- Where Silktrim is exposed to temperatures greater than 60°C;
- In direct contact with concrete or masonry surfaces unless protected by a damp proof membrane;
- In residences using sub-floor heating.

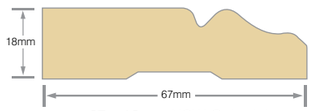
* FSC Product Available on Request.

Refer to page 19 for information on Silktrim installation, finishing and health & safety.

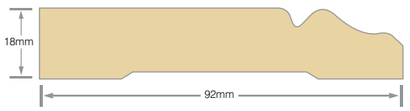
Silktrim: Colonial Profiles

140 x 18mm NSW Colonial

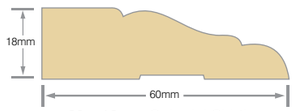
67 x 18mm Replica



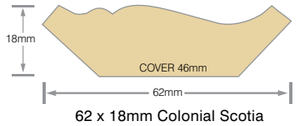
67 x 18mm NSW Colonial



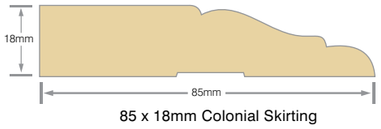
92 x 18mm NSW Colonial



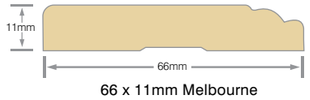
60 x 18mm Colonial Skirting



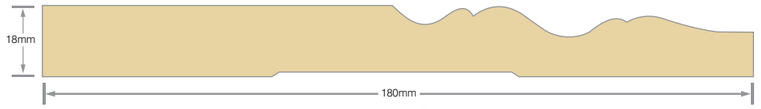
62 x 18mm Colonial Scotia



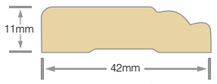
85 x 18mm Colonial Skirting



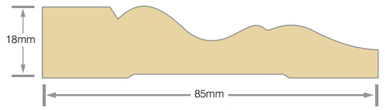
66 x 11mm Melbourne



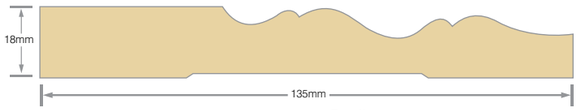
180 x 18mm Replica



42 x 11mm Melbourne



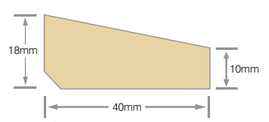
85 x 18mm Replica



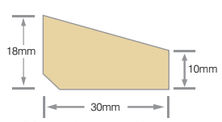
135 x 18mm Replica

Silktrim®

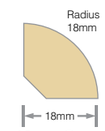
Silktrim: Moulding Profiles



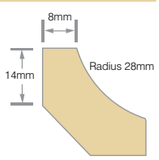
40mm Bevelled Cornice



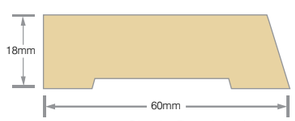
30mm Bevelled Cornice



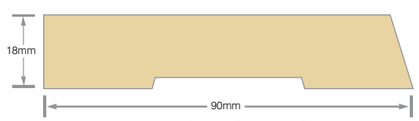
18mm Quad



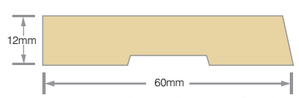
28mm Scotia



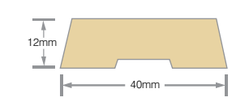
60 x 18mm Single Bevel Architrave



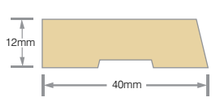
90 x 18mm Single Bevelled Skirting



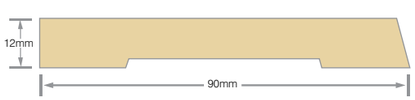
60 x 12mm Single Bevelled Skirting



40 x 12mm Double Bevelled Architrave



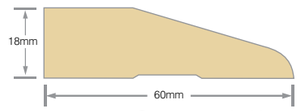
40 x 12mm Single Bevelled Architrave



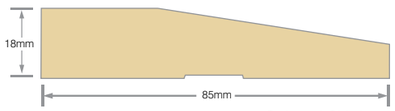
90 x 12mm Single Bevelled Skirting

85 x 18mm Government Skirting

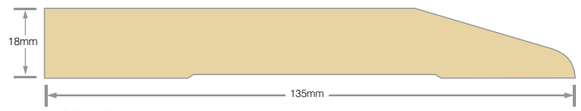
135 x 18mm Splayed Skirting



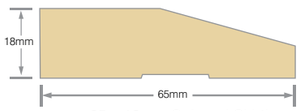
60 x 18mm Government Architrave



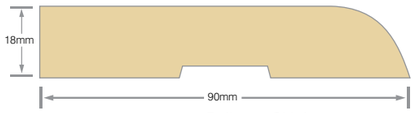
85 x 18mm Splayed Skirting



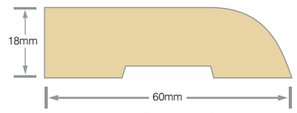
135 x 18mm Government Architrave



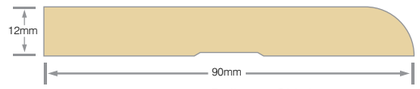
65 x 18mm Splayed Skirting



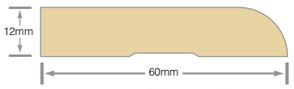
90 x 18mm Bullnose Skirting



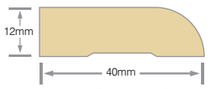
60 x 18mm Bullnose Architrave



90 x 12mm Bullnose Skirting



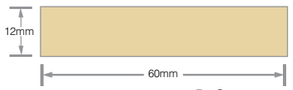
60 x 12mm Bullnose Skirting



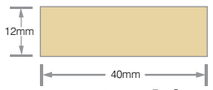
40 x 12mm Bullnose Architrave

Silktrim®

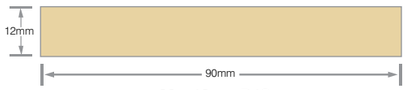
Silktrim: Moulding Profiles (continued)



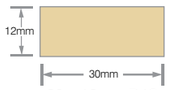
60 x 12mm D4S



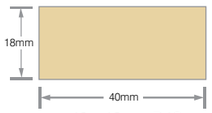
40 x 12mm D4S



90 x 12mm D4S



30 x 12mm D4S

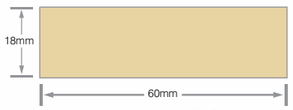


40 x 18mm D4S

Silktrim: Square Boards

135 x 18mm D4S

85 x 18mm D4S



60 x 18mm D4S

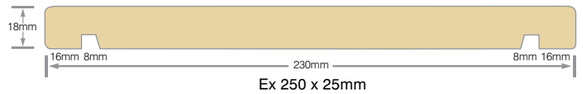
Pineclad® Pre-primed Profiles:

Pineclad pre-primed timber weatherboards and moulding profiles are:

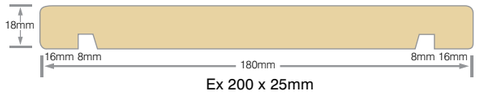
- Manufactured from finger-jointed clear radiata pine. Some profiles are available in solid dressing grade (check with your local merchant).
- Manufactured to a standard length of 6.3 l/metre.
- Kiln-dried to a target moisture content between 10–14%.
- Treated to H3.1 hazard class with a light organic solvent preservative (LOSP).
- Coated with a factory applied full architectural primer.
- Suitable under the New Zealand Building Code Clause E2 External Moisture for use as described in the Acceptable Solution E2/AS1 for timber weatherboards.

Refer to page 20 for information on Pineclad installation, finishing and health & safety.

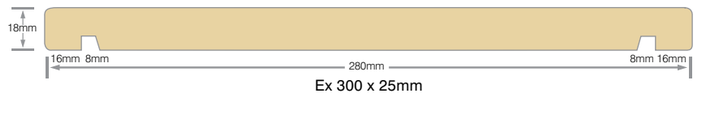
Pineclad: Fascia Profiles



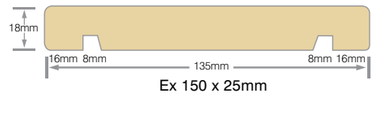
Ex 250 x 25mm



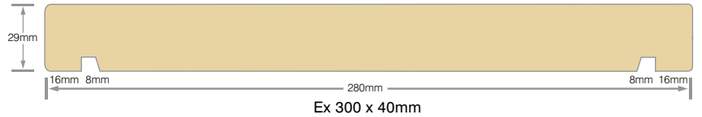
Ex 200 x 25mm



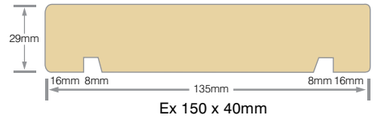
Ex 300 x 25mm



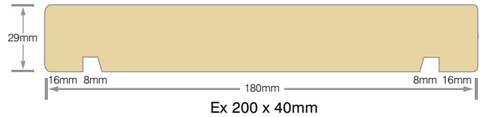
Ex 150 x 25mm



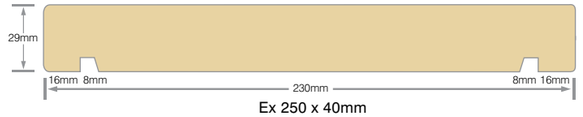
Ex 300 x 40mm



Ex 150 x 40mm

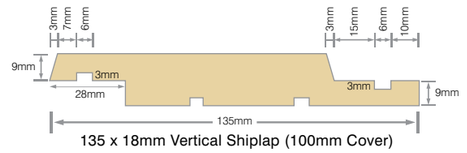


Ex 200 x 40mm

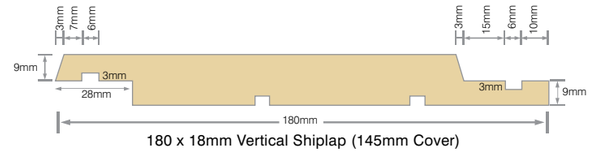


Ex 250 x 40mm

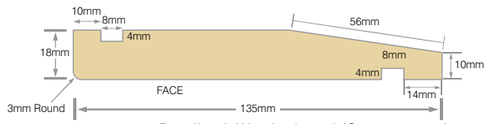
Pineclad: Weatherboard Profiles



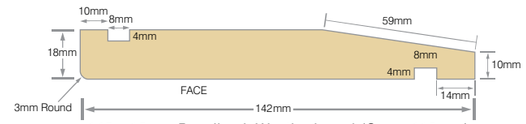
135 x 18mm Vertical Shiplap (100mm Cover)



180 x 18mm Vertical Shiplap (145mm Cover)



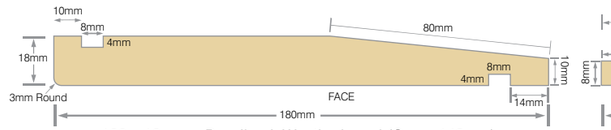
135 x 18mm Bevelback Weatherboard (Cover 103mm)



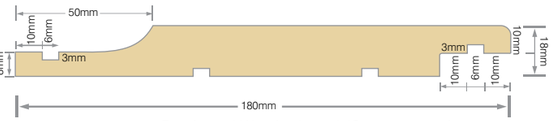
142 x 18mm Bevelback Weatherboard (Cover 110mm)

Pineclad

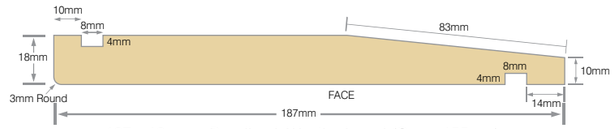
Pineclad: Weatherboard Profiles (continued)



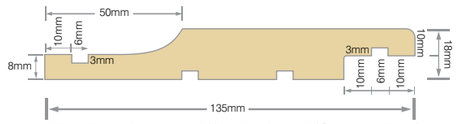
180 x 18mmm Bevelback Weatherboard (Cover 148mm)



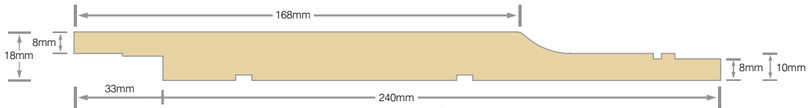
180 x 18mm Rusticated Weatherboard (Cover 155mm)



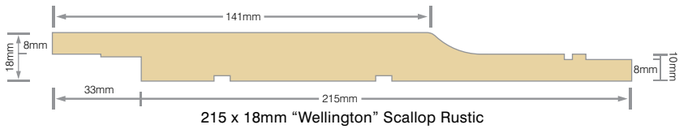
187 x 18mmm Bevelback Weatherboard (Cover 155mm)



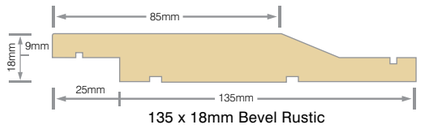
135 x 18mm Rusticated Weatherboard (Cover 110mm)



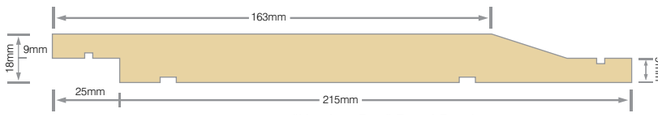
240 x 18mm “Wellington” Scallop Rustic



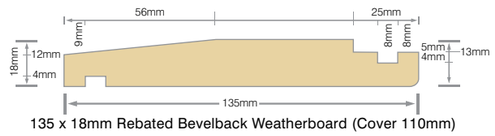
215 x 18mm “Wellington” Scallop Rustic



135 x 18mm Bevel Rustic

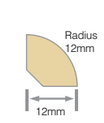


215 x 18mm “Hawkes Bay” Bevel Rustic

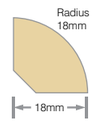


135 x 18mm Rebated Bevelback Weatherboard (Cover 110mm)

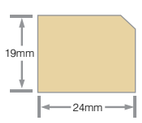
Pineclad: Exterior Profiles



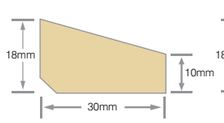
12mm Quad



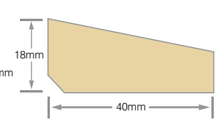
18mm Quad



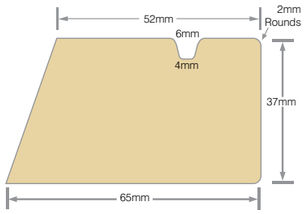
24 x 19mm Beazley Mould



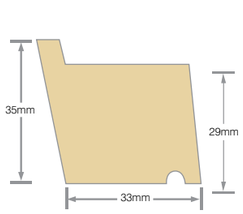
30mm Bevelled Cornice



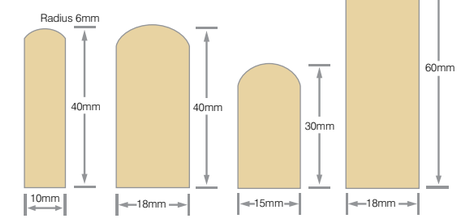
40mm Bevelled Cornice



65mm Sill



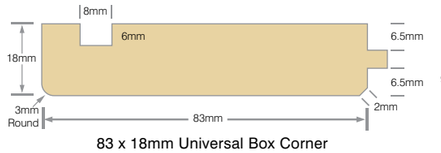
Beazley Sill



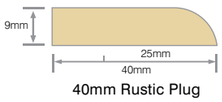
40 x 10mm Scriber | 40 x 18mm Scriber | 30 x 15mm Scriber | 60 x 18mm Scriber

Pineclad

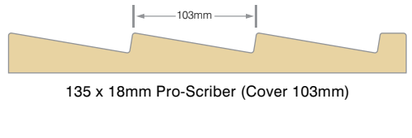
Pineclad: Exterior Profiles (continued)



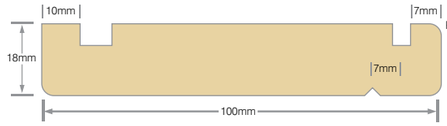
83 x 18mm Universal Box Corner



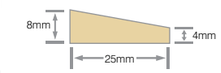
40mm Rustic Plug



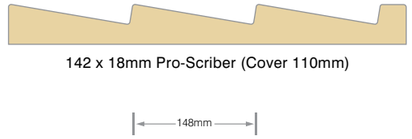
135 x 18mm Pro-Scriber (Cover 103mm)



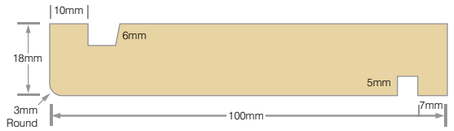
100 x 18mm External Box Corner



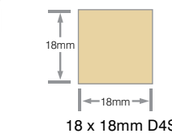
25mm Cant Strip



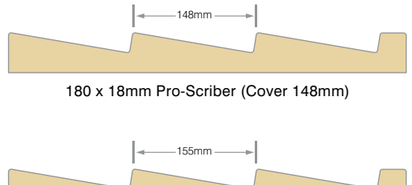
142 x 18mm Pro-Scriber (Cover 110mm)



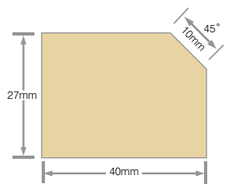
100 x 18mm Internal Box Corner



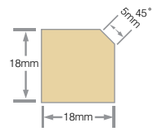
18 x 18mm D4S



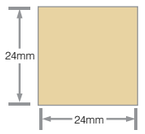
180 x 18mm Pro-Scriber (Cover 148mm)



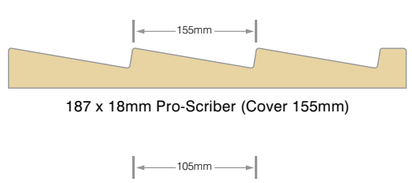
40 x 27mm Eavesmould



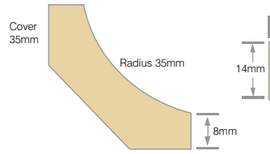
18 x 18mm Eavesmould



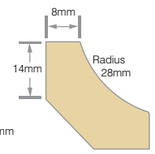
24 x 24mm D4S



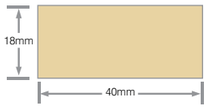
187 x 18mm Pro-Scriber (Cover 155mm)



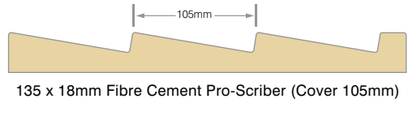
35mm Scotia



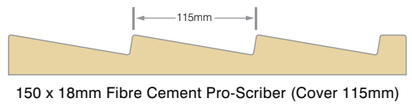
28mm Scotia



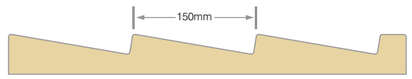
40 x 18mm D4S



135 x 18mm Fibre Cement Pro-Scriber (Cover 105mm)

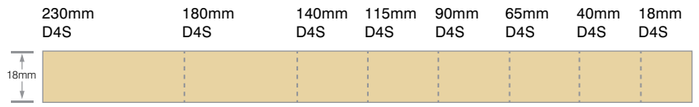


150 x 18mm Fibre Cement Pro-Scriber (Cover 115mm)



180 x 18mm Fibre Cement Pro-Scriber (Cover 150mm)

Pineclad: Square Dressed Board Profiles



Installation | Finishing | Health & Safety

Pinetrim

Hume Pine (NZ) produces Pinetrim moulding profiles from plantation-grown clear and finger jointed radiata pine which is graded, defected, kiln-dried and finger jointed prior to machining.

Pinetrim mouldings are also available pressure-treated to hazard class H3.1 and factory primer coated in untreated or H3.1.

It is important to remember that timber is a natural product and it will react to changes in climatic conditions during the life of the product. Uneven swelling, raised grain and resin bleed are generally due to varying climatic conditions. It is possible to minimise this, however, by adhering to the following recommendations.

Pinetrim Storage & Handling

As the product is kiln dried, care must be taken to make sure the product remains dry at all times during storage and delivery to site. Kiln dried timber will absorb moisture from the atmosphere, which can lead to dimensional change by expanding and contracting according to the moisture content of the product. Pinetrim must be stored on a well ventilated, level surface, on bearers at least 150mm off the ground, protected from direct sunlight and moisture.

The profiles need to be protected from moisture, excessive heat and direct sunlight. Remove the profiles from their packaging and allow them to reach EMC (Equilibrium Moisture Content) prior to installation.

Pinetrim Installation

We recommend the following methods of installation.

For 10mm thick Pinetrim mouldings use 40-50mm finishing brads so that a minimum framing penetration of 25mm is reached. When joining the profile, mitre cuts should be used and the joint must be glued using a PVA adhesive.
For 18mm thick profiles use 50-60mm finishing brads. It is important not to over fix Pinetrim mouldings and we do not recommend nailing within 20mm of the end of the profile as splitting may occur.

Pinetrim mouldings can also be fixed using contact and wall adhesives in accordance with the manufacturer's instructions.

Pinetrim Finishing

For raw or unprimed profiles, fill all nail holes with acrylic interior filler and lightly sand with 180 grit sand paper when cured. Apply one coat of oil based primer undercoat to the mouldings (as acrylic primer may cause raised grain), allow to dry, sand any high grain back to a smooth finish. Apply two to three coats of acrylic enamel, sanding lightly between coats.

For factory primer coated product, fill all nail holes with acrylic interior filler and lightly sand with 180 grit sand paper when cured. Apply two to three coats of acrylic enamel, sanding lightly between coats.

For finishing radiata pine clears profiles, fill all nail holes with a plastic wood putty and lightly sand with 280 – 320 grit sand paper. Apply first coat of clear coating according to paint manufacturer's recommendations, let it cure, lightly sand any high grain and apply a further two to three coats, sanding lightly in between.

Pinetrim Health & Safety

Health and safety precautions should be adhered to when working with all wood products. Machine tools should be fitted with dust extractors and work areas should be kept clean. If dust levels exceed Work Safe New Zealand Standards, the wearing of a dust mask (AS/NZS 1715 & AS/NZS 1716) and protective eyewear (AS/NZS 1336 & AS/NZS 1337) is recommended. Storage and work areas should be adequately ventilated.

Silktrim®

Silktrim mouldings are manufactured from HMR (High Moisture Resistant) Medium Density Fibreboard, which is a reconstituted wood product containing wood fibre, waxes and formaldehyde resins. While Silktrim offers high moisture resistance, Hume Pine (NZ) does not provide a warranty on the product when used in the following applications:

- Around showers, baths, saunas, spas, laundries and other wet areas;
- For exterior applications such as swimming pools, carports and joinery;
- Where Silktrim is exposed to temperatures greater than 60°C;
- In direct contact with concrete or masonry surfaces, unless protected by a damp proof membrane;
- In residences using sub-floor heating.

Silktrim Conditioning

All wood based products will react to climatic change and we recommend that Silktrim should be acclimatised for a period of two days in the area it is to be installed. The profiles need to be protected from moisture, excessive heat and direct sunlight. Remove the profiles from their packaging and allow them to reach EMC (Equilibrium Moisture Content) prior to installation.

Silktrim Installation

We recommend the following methods of installation.

For 12mm thick Silktrim use 40-50mm finishing brads so that a minimum framing penetration of 25mm is reached. When joining the profile, mitre cuts should be used and the joint must be glued using a PVA adhesive.

For 18mm thick profiles use 50-60mm finishing brads. It is important not to over fix Silktrim and we do not recommend nailing within 20mm of the end of the profile as splitting may occur.

Silktrim profiles can also be fixed using contact and wall adhesives in accordance with the manufacturer's instructions.

Silktrim Finishing

Silktrim profiles are factory sanded and finished with two coats of premium acrylic primer to achieve a superb finish. Fill all nail holes with a plastic wood filler and lightly sand with 280 – 320 grit sand paper when cured. Apply two coats of acrylic enamel, sanding lightly between coats.

Silktrim Health & Safety

Health and safety precautions should be adhered to when working with all wood products. Machine tools should be fitted with dust extractors and work areas should be kept clean. If dust levels exceed Work Safe New Zealand Standards, the wearing of a dust mask (AS/NZS 1715 & AS/NZS 1716) and protective eyewear (AS/NZS 1336 & AS/NZS 1337) is recommended. Storage and work areas should be adequately ventilated.

Installation | Finishing | Health & Safety

Pineclad

Product information

Hume Pine (NZ) weatherboards are:

- Manufactured from finger-jointed clear radiata pine. Some profiles are available in solid dressing grade (check with your local merchant);
- Manufactured to a standard length of 6.3 l/metre;
- Kiln-dried to a target moisture content between 10–14%;
- Treated to H3.1 hazard class with a light organic solvent preservative (LOSP);
- Coated with a factory applied full architectural primer;
- Suitable under the New Zealand Building Code Clause E2 External Moisture for use as described in the Acceptable Solution E2/AS1 for timber weatherboards.

Hume Pine exterior cladding products have a 15 year limited warranty period based on the following recommendations being followed.

Handling & Installation

Protection of Product Prior to Installation

H3.1 treated timber should be stored under cover (preferably inside) and out of contact with the ground or concrete (at least 100mm above the ground or concrete) as per NZS 3602:2003, Section 105.3, or 205.10.2.

It is important to schedule the timing of deliveries to site, as prolonged storage, especially in unfinished damp buildings, increases the chance of moisture uptake, which may result in swelling and possible distortion of the boards. The equilibrium moisture content (EMC) of cladding when installed should be between 14% and 18% in New Zealand.

Preparation

Weatherboard and fascia which are to be painted, are required to be treated to Hazard Class H3.1 and shall be primed on all faces (including cut ends) prior to fixing in accordance with AS/NZS 2311:2009. Radiata weatherboards which are to be stained or have a raw finish are treated to Hazard Class H3.2. Although Hume Pine (NZ) weatherboards are coated with a factory applied architectural primer, it is recommended that boards be re-primed in accordance with AS/NZS 2311:2009, with an oil based primer undercoat prior to top coating. We also recommended that any sharp edges are rounded by sanding to ensure that they can be properly coated.

Installation

Timber weatherboards are included in the Acceptable Solution E2/AS1, paragraph 3.0 Using battens that may be structurally fixed. All types of weatherboard profiles may be used in low risk buildings. Only bevel back, rusticated and vertical shiplap weatherboards should be used in high risk buildings. For information on requirements for drained ventilated cavities refer to the Acceptable Solution E2/AS1, paragraph 9.1.8.

All cut ends are to be primed/treated with an approved end sealer.

Ground Clearances

At ground level, the cladding shall finish a minimum of 100mm above a paved surface or 175mm above unpaved surfaces. The base of the cladding system must overlap any timber or concrete floor structure by a minimum 50mm as required by NZS 3604:2011. Where cladding finishes against or overlaps other materials (such as flashings or concrete slabs), cladding must be offset horizontally by a minimum of 6mm to prevent capillary action.

Laps & Joints

Horizontal laps for non-rebated bevel back weatherboards should be 32mm. Joints shall be made over supports, drilled for nailing, and mitred or butted and fitted with corrosion resistant soakers as per Acceptable Solution E2/AS1, Paragraph 9.4.4.2.

External corners

External corners must be weatherproofed by one of the following methods:

Corner boxes with scribers;

Mitre joints (or the use of corrosion resistant soakers).

Internal corners

A corrosion resistant flashing shall be fitted behind the weatherboards at all internal corners.

Windows

Window details may be installed in accordance with Acceptable Solution E2/AS1.

Fixing

There are two options of fixing, direct and cavity construction. The method to use is dependant on the score of the design from the Risk Matrix, found in Acceptable Solution E2/AS1. Correct nailing practice is very important when fixing weatherboards. Incorrect nailing practices can create splitting and cause leakage through the cladding from moisture movement in the boards. In addition, it is recommended that nails are sloped slightly uphill to avoid water tracking along nails into the timber, and nails are punched below the surface of the board with the hole stopped before painting.

Fixing Options

Option 1: As per Acceptable Solution E2/AS1, i.e. temporarily fix cavity battens using 40 x 2.5mm galvanised FH nails, then fix weatherboard as per Table 1. Refer "Nails (Direct Fixing)" column and increase nail length, 60mm to 75mm, 75mm to 90mm.

Option 2: Alternative Solution – Refer BRANZ Study Report STO 589. A more workable approach has been developed and tested by BRANZ. The approach is based on using the cavity battens as structural components, and requires the battens to be kiln dried merchant grade radiata pine with a minimum thickness of 20mm and a minimum width of 40mm. The battens are fixed with hand-driven 60 x 2.8mm jolt head galvanised nails or power-driven 64 x 2.8mm flat head galvanised nails. The nailing is at a maximum of 300mm centres staggered 12mm either side of the batten centre line. The weatherboards are subsequently attached using 60 x 2.8mm jolt head galvanised nails for rusticated or 75 x 3.15mm jolt head galvanised nails for bevel back, through the battens and into the mid-width of the studs. In this way, the corner details can be constructed with much less risk of splitting battens compared with general methodology given in the Acceptable Solution, E2/AS1.

Painting Instructions

Hume Pine (NZ) recommends painting of exterior timber products as per the New Zealand Standard AS/NZS 2311:2009 – Guide to the Painting of Buildings.

Timber should be painted when the surface is dry and when the board is near the equilibrium content (EMC 14-18%). Priming or painting when the weatherboard is above or below the EMC can result in the weatherboards shrinking or swelling after installation or painting.

Primed timber must be protected from exposure to the weather until ready to use.

Dust off the timber and remove any dirt by washing to ensure a clean surface.

Fill all nail holes with an exterior grade filler and spot prime with either a premium oil based undercoat or acrylic undercoat.

Lightly sand the surface where necessary to an even flat finish to provide a key for the new coating.

Apply two coats of a quality acrylic top coat such as Dulux Weathershield X10.

Paint Film Build

The paint system outlined above allows for a minimum of 75 microns of top coat paint cover (total film build for two primer and two top coats should be above 120 microns) to be achieved allowing for reduced maintenance, superior paint longevity, substrate protection and finished appearance. Hume Pine (NZ) recommends applying the top coats by brush to ensure correct application.

Hume Pine (NZ) recommends painting your weatherboards and fascia with a colour that has a Light Reflectance Value (LRV) of greater than or equal to 45% (refer to paint manufacturer for details on LRV). The application of dark coloured paints may result in more rapid deterioration of the product due to extra heat absorbed. Colours less than 45% LRV will encourage problems such as resin bleed distortion and surface cracking.

Maintenance

Routine maintenance is required to meet the stated durability and is essential to ensure performance over the life of the building.

Wash down walls regularly to remove surface dirt, debris or mould.

Check surfaces once a year, paying special attention to joints, corners and bottom edges.

Repaint as necessary in accordance with the paint manufacturer's specification.

Ensure dirt, garden soil or leaf build up is cleared away from the weatherboards and fascia.

Resin Bleed

Hume Pine (NZ) weatherboards are manufactured from radiata pine, a natural resource.
Along with the aesthetically pleasing qualities of using timber and being confident in the knowledge that you have chosen a product made from a truly renewable resource in radiata pine, there is another less desirable property of radiata pine, when it is combined with treatment preservation chemicals that may lead to bleed on occasion. This is a natural occurrence where resin in the timber rises to the surface and is evident on the face of the board. Whilst this may affect the appearance of the product, resin bleed does not affect the durability or the strength properties of the product. Compliance with the New Zealand Building Code is unaffected.

To rectify the presence of resin bleed, Hume Pine (NZ) recommends following the procedures as outlined in AS/NZS2311:2009 Guide to the Painting of Buildings.

Health & Safety

Health and safety precautions should be adhered to when working with all wood products. Machine tools should be fitted with dust extractors and work areas should be kept clean. If dust levels exceed Work Safe New Zealand Standards, the wearing of a dust mask (AS/NZS 1715 & AS/NZS 1716) and protective eyewear (AS/NZS 1336 & AS/NZS 1337) is recommended. Storage and work areas should be adequately ventilated.

HUME PINE *(NZ) Ltd*

OFFICE & FACTORY: 210 Te Ngae Road, PO Box 1611, ROTORUA 3040
Phone: 0508 111 000 | (07) 345 6994, Fax: (07) 345 5486.
Email: sales@humepine.nz | **www.humepine.nz**