



ENVIRA WEATHERBOARD SYSTEM

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JULY 2025 EDITION

UPDATED ON 28 JUL. 2025 VERSION 03.07

WHERE TO PURCHASE OR MAKE AN ENQUIRY

Niagara products are available at timber merchants.
For stockist details or product queries please phone or email.

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P: +64 3 308 0007 | E: sales@niagara.nz | 0800 FOR TIMBER
 74 Kennington Road, Invercargill 9871, New Zealand.
www.niagara.nz



MODERN BEAUTIFUL SHADOW LINES



www.niagara.nz

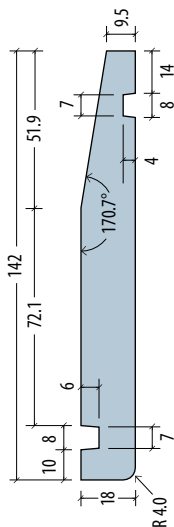
- Envira Timber Cladding is suitable as an Acceptable Solution E2/AS1 under the NZ Building Code.
- Made entirely from sustainable, quality NZ radiata pine
- Kiln dried to between 10 - 14% moisture content.
- Treated to H3.1 using a new generation organic preservation system.
- Coated with factory applied new generation primer.

WEATHERBOARD TABLE

Size	Profile	Grade	Cover	Lap	Length	Lm/m2
142x18	Bevel Back	Finger Jointed	110mm	32mm	6.1m	9.10
187x18	Bevel Back	Finger Jointed	155mm	32mm	6.1m	6.45
230x18	Bevel Back	Finger Jointed	198mm	32mm	6.1m	5.05
142x21	Bevel Back	Dressing Grade	110mm	32mm	Random	9.10
190x21	Bevel Back	Dressing Grade	158mm	32mm	Random	6.33
144x21	Bevel Back Rebated	Dressing Grade	119mm	25mm	Random	8.40
142x18	Rusticated	Finger Jointed	117mm	25mm	6.1m	8.54
187x18	Rusticated	Finger Jointed	162mm	25mm	6.1m	6.17
230x18	Rusticated	Finger Jointed	205mm	25mm	6.1m	4.88
142x21	Rusticated	Dressing Grade	117mm	25mm	Random	8.54
190x21	Rusticated	Dressing Grade	165mm	25mm	Random	6.06
180x19	Rusticated Wellingtonian	Clear 2	143mm	37mm	Random	6.99
215x19	Rusticated Wellingtonian	Finger Jointed	178mm	37mm	6.1m	5.62
240x19	Rusticated Wellingtonian	Finger Jointed	203mm	37mm	6.1m	4.92
142x18	Shiplap V groove	Finger Jointed	117mm	25mm	6.1m	8.54
180x18	Shiplap V groove	Finger Jointed	155mm	25mm	6.1m	6.45
90x18	Shiplap Square Vertical	Finger Jointed	65mm	25mm	5.4m	15.38
140x18	Shiplap Square Vertical	Finger Jointed	115mm	25mm	5.4m	8.70
180x18	Shiplap Square Vertical	Finger Jointed	155mm	25mm	5.4m	6.45

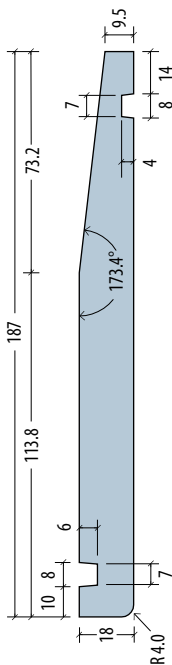
BEVEL BACK WEATHERBOARDS

All weatherboards and components are treated to H3.1 and factory primed on four faces.



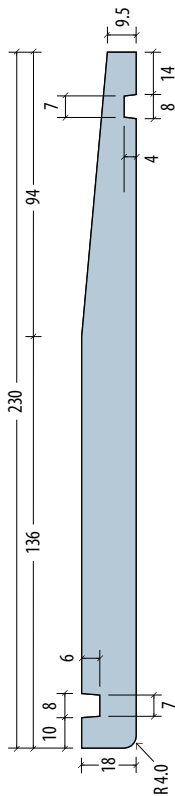
Bevel Back 142x18

Finger Jointed
Cover 110mm
Length 6.1m



Bevel Back 187x18

Finger Jointed
Cover 155mm
Length 6.1m

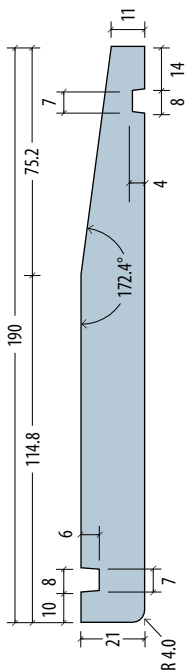


Bevel Back 230x18

Finger Jointed
Cover 198mm
Length 6.1m

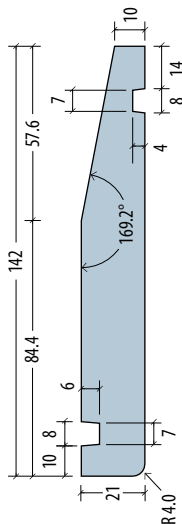


Bevel Back Weatherboards
technical information
www.niagara.nz



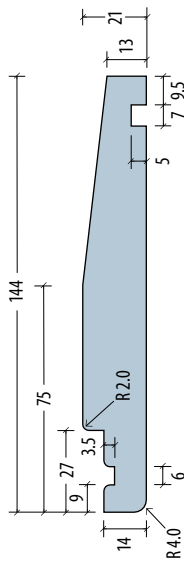
Bevel Back 190x21

Dressing Grade
Cover 158mm
Random Lengths



Bevel Back 142x21

Dressing Grade
Cover 110mm
Random Lengths

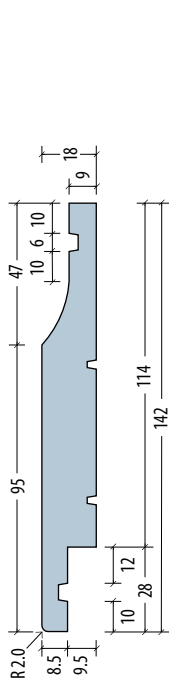


Rebated 144x21

Dressing Grade
Cover 119mm
Random Lengths

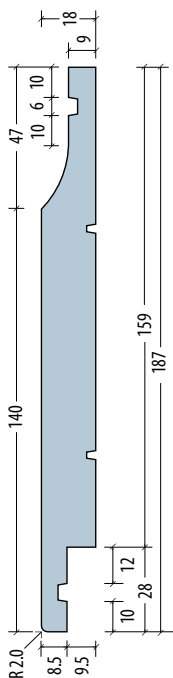
RUSTICATED WEATHERBOARDS

All weatherboards and components are treated to H3.1 and factory primed on four faces.



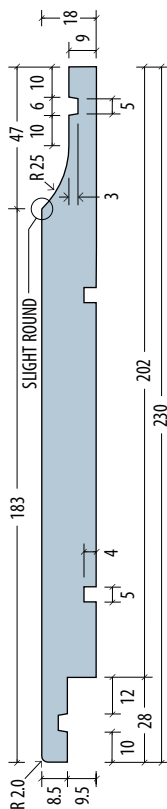
Rusticated 142x18

Finger Jointed
Cover 117mm
Length 6.1m



Rusticated 187x18

Finger Jointed
Cover 162mm
Length 6.1m

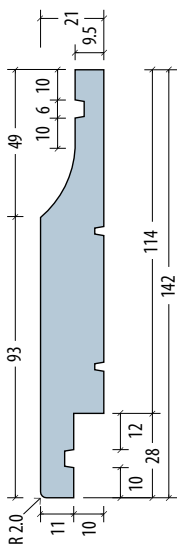


Rusticated 230x18

Finger Jointed
Cover 205mm
Length 6.1m

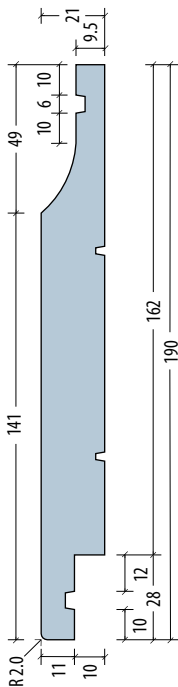


Rusticated Weatherboards
technical information
www.niagara.nz



Rusticated 142x21

Dressing Grade
Cover 117mm
Random Lengths

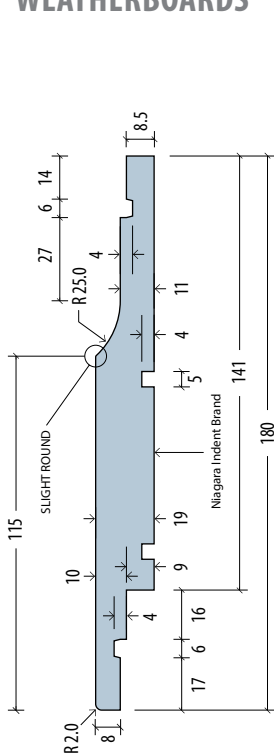


Rusticated 190x21

Dressing Grade
Cover 165mm
Random Lengths

Exterior

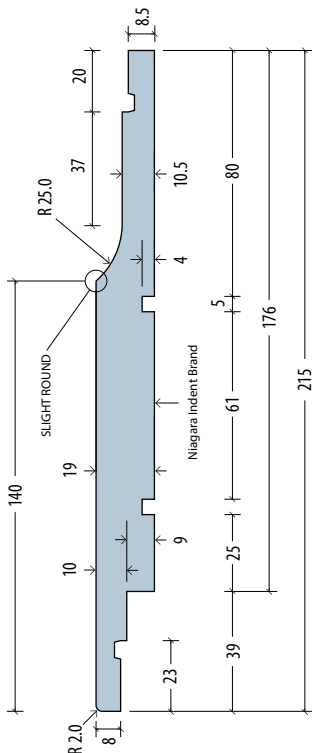
RUSTICATED WELLINGTONIAN WEATHERBOARDS



Rusticated Wellingtonian 180x19

Clear 2 | Cover 143

Random Length



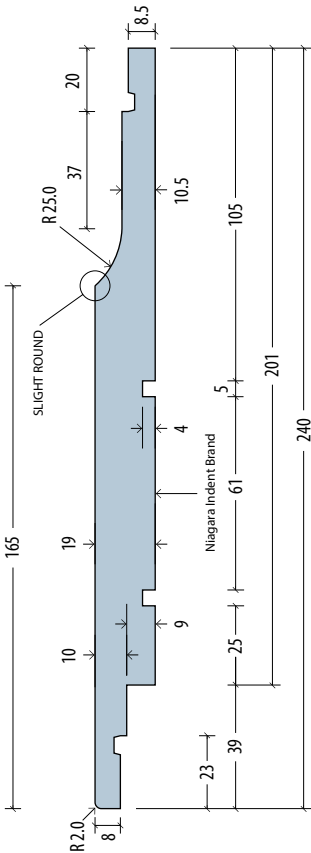
Rusticated Wellingtonian 215x19

Finger Jointed | Cover 178

Length 6.1m



Rusticated Weatherboards
technical information
www.niagara.nz



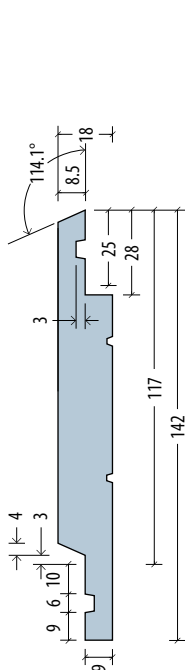
Rusticated 240x19

Finger Jointed | Cover 203

Length 6.1m

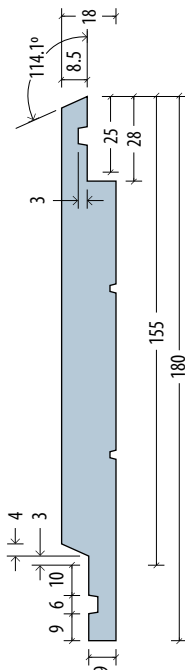
SHIPLAP WEATHERBOARDS

All weatherboards and components are treated to H3.1 and factory primed on four faces.



Shiplap V Groove 142x18

Finger Jointed
Cover 117mm
Length 6.1m



Shiplap V Groove 180x18

Finger Jointed
Cover 155mm
Length 6.1m

Technical drawing of a mechanical part with the following dimensions:

- Overall width: 59
- Overall height: 90
- Top left corner: 9 (width), 25 (height)
- Top right corner: 8.5 (width), 9.5 (height)
- Left side: 9 (width), 6 (height), 3 (width)
- Right side: 11 (width), 6 (height), 10 (height)
- Bottom: 40 (width), 2 (height), 3 (width)
- Internal features: 5 (width), 8 (width), 9 (width), 9 (width)

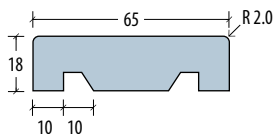
13

Exterior

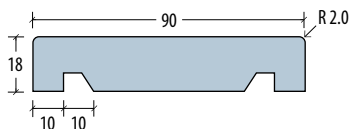
BOARD & BATTEN

H3.1 | Length 5.4m

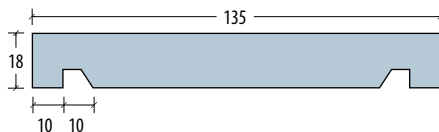
Board & Batten 65x18



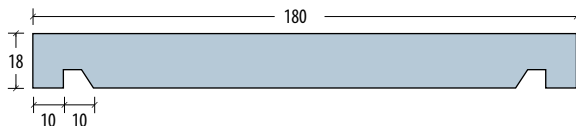
Board & Batten 90x18



Board & Batten 135x18



Board & Batten 180x18



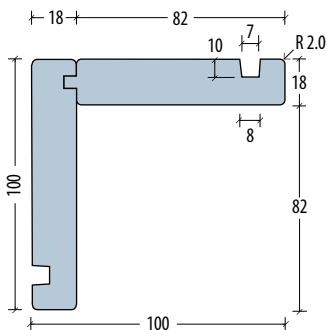
ENVIRA COMPONENTS

All components are finger jointed, treated to H3.1 and factory primed on four faces.



Envira Components
technical information
www.niagara.nz

Internal Box Corner | Length 5.4m



Flat Soakers

Aluminium etch primed

Sizes:

142x18

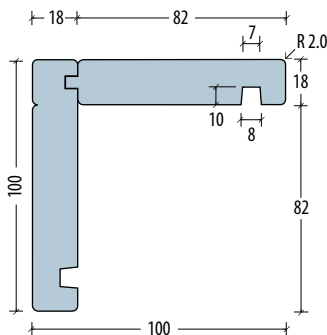
187x18

142x21

190x21

Boxes of 20

External Box Corner | Length 5.4m, 6.1m



Corner Soakers 90°

Aluminium etch primed

Sizes:

142x18

187x18

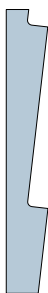
142x21

190x21

Boxes of 20

Exterior

EnviraScribe | Length 3.0m * Also available in Linea profiles 150, 180



Bevel Back

40x18 and 40x10

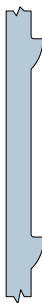
Scriber size: To suit:

40x10 142x18

40x18 142x18

40x10 187x18

40x18 187x18



Rusticated

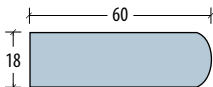
27x18

Scriber size: 27x18

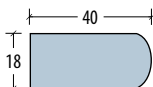
To suit: 187x18

Scriber | Length 5.4m

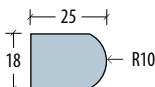
60x18



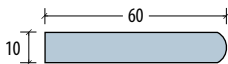
40x18



25x18



60x10

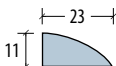


40x10



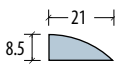
Rustic Plugs | Length 3.0m

23x11



To suit 21mm

21x8.5



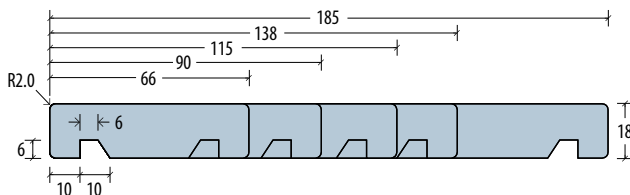
To suit 18mm

Facing Boards DAR Weather Grooved 18mm | Length 5.4m

66x18 5.4m
90x18 5.4m
115x18 5.4m
138x18 5.4m
185x18 5.4m



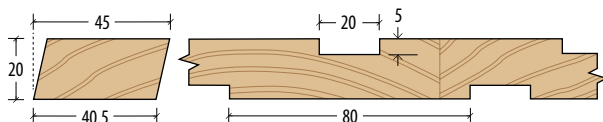
Facing Boards
technical information
www.niagara.nz



Castellated Vented Cavity Batten | Finger Jointed 2.7m Lengths |

Solid Random Lengths

45x20



Cavity Batten | Length 5.4m

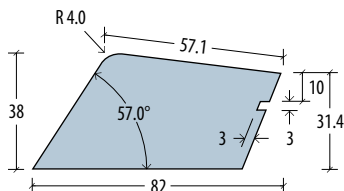
Unprimed 44x20

Tanalised LOSP 3.2



Head Trim | Length 5.4m

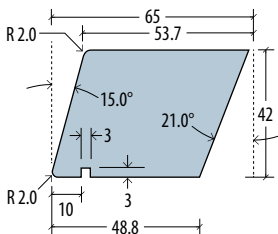
82x38



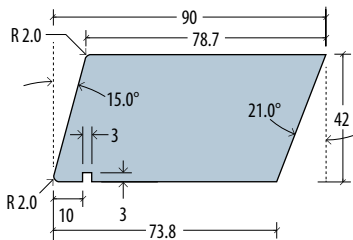
Exterior

Weatherboard Sills | Length 5.4m

65x42

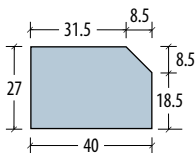


90x42

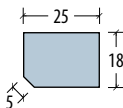


Eaves Mouldings | Length 5.4m

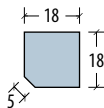
40x27



25x18



18x18

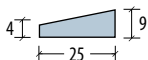


18x18



Tilt Fillet | Length 5.4m

25x9

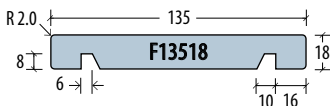


All components are finger jointed, H3.1, primed - unless stated otherwise

FASCIA

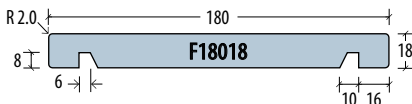
Finger jointed, treated to H3.1 and factory primed.

Fascia 135x18 | Lengths 4.8m, 6.1m

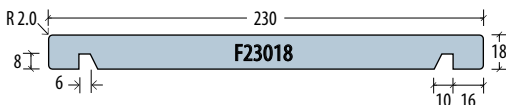


Fascia Boards
technical information
www.niagara.nz

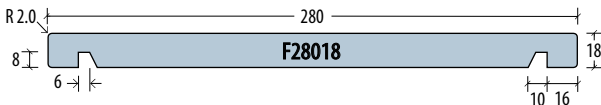
Fascia 180x18 | Lengths 4.8m, 6.1m



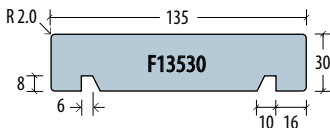
Fascia 230x18 | Length 6.1m



Fascia 280x18 | Length 6.1m

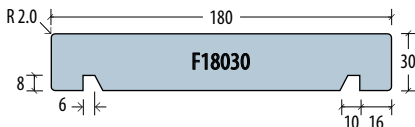


Fascia 135x30 | Length 6.1m

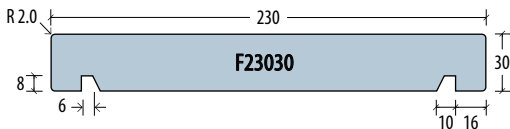


Exterior

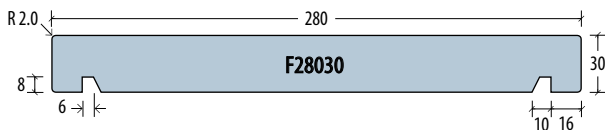
Fascia 180x30 | Length 6.1m



Fascia 230x30 | Length 6.1m

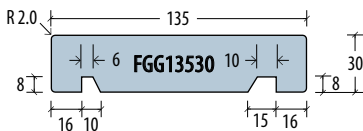


Fascia 280x30 | Length 6.1m



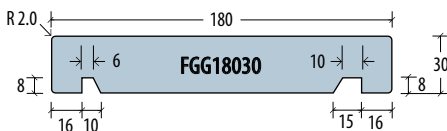
FASCIA/GARAGE DOOR JAMB

Fascia/Garage Door Jamb 135x30 | Lengths 4.8m, 5.0m, 6.1m



*Fascia with gib groove.
Suitable as a garage door jamb.

Fascia/Garage Door Jamb 180x30 | Lengths 4.8m, 5.0m, 6.1m

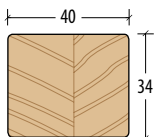


BATTENS

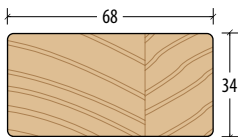
Finger jointed and treated as listed

Ceiling Battens H3.1 or H1.2 | Length 5.4m

40x34

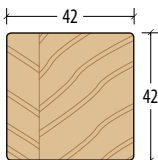


68x34



Strapping Batten H3.1 | Length 5.4m

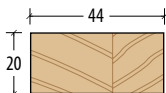
42x42



Cavity Batten H3.1 | Length 5.4m

44x20

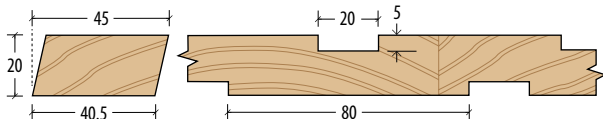
44x20 Tanalised LOSP 3.2



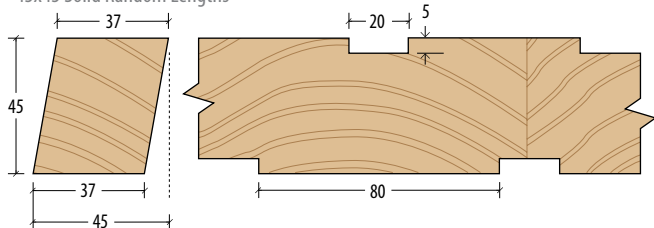
Castellated Vented Cavity Batten | Finger Jointed 2.7m Lengths |

Solid Random Lengths

45x20



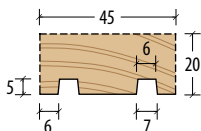
45x45 Solid Random Lengths



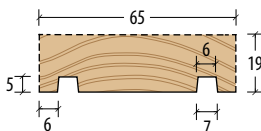
Exterior

Cover Batten H3.1 | Random Lengths

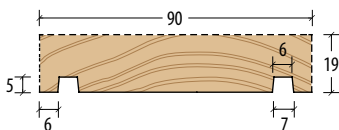
45x20



65x19



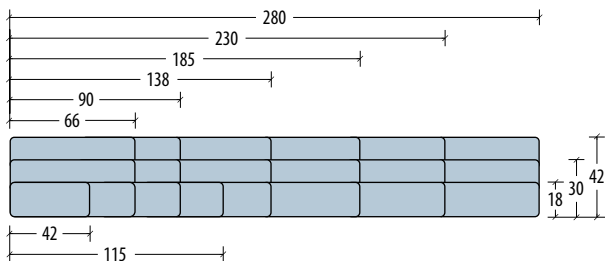
90x19



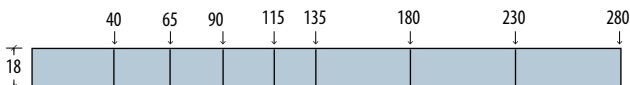
Outdoor living spaces

FEATURE/DRESSED BOARDS

DTP - Finger Jointed, DAR Pencil Round 4 Corners, Treated to H3.1 and factory primed, non-structural | Lengths 5.4m



DSQTP - Finger Jointed, Square dressed, Treated to H3.1 and factory primed, non-structural | Lengths 5.4m

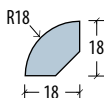


MOULDINGS

Finger jointed | Length 5.4m
Available in H3.1 treated,
primed.

Quadrants

18mm

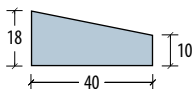


12mm

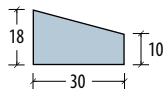


Bevelled Cornice

40mm

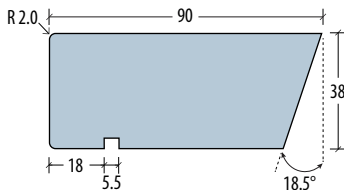


30mm



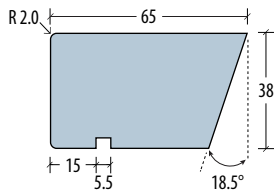
Linea Sill 90x38 | Length 5.4m

90x38



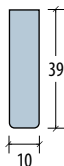
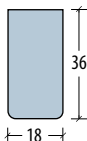
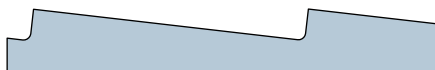
Linea Sill 65x38 | Length 5.4m

65x38



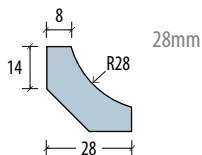
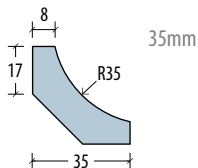
Linea Scriber 40x18 and 40x10 | Length 3.0m

To suit
150 x 16
180 x 16



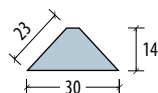
Exterior Mouldings

Scotia

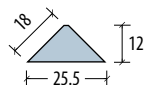


Angle Fillet

23mm

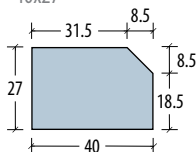


18mm H3.2

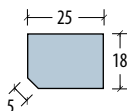


Eaves Mouldings

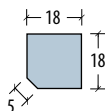
40x27



25x18



18x18

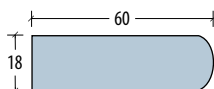


18x18

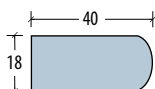


Scribers

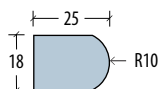
60x18



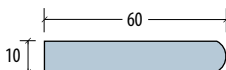
40x18



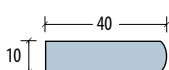
25x18



60x10



40x10

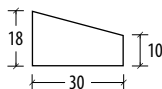
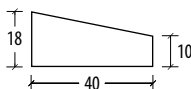


MOULDINGS

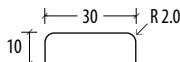
Untreated Radiata
Finger jointed | Pre-Coated
Length 5.4m

GESSOTRIM

Bevelled Cornice

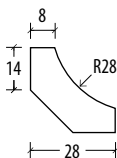


Door Stop

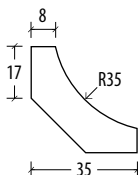


Scotia

28mm

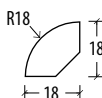


35mm



Quadrant

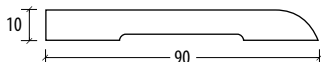
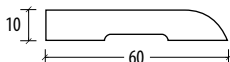
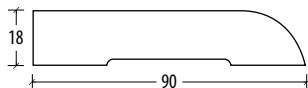
18mm



12mm

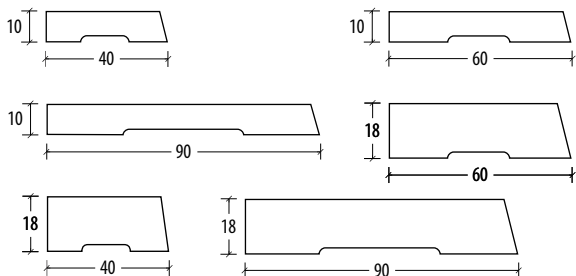


Bullnose

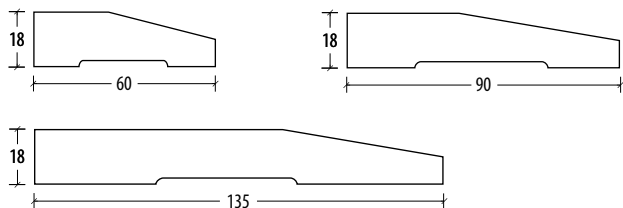


Interior Mouldings

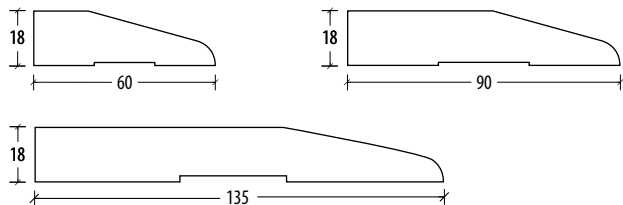
Bevelled Arch

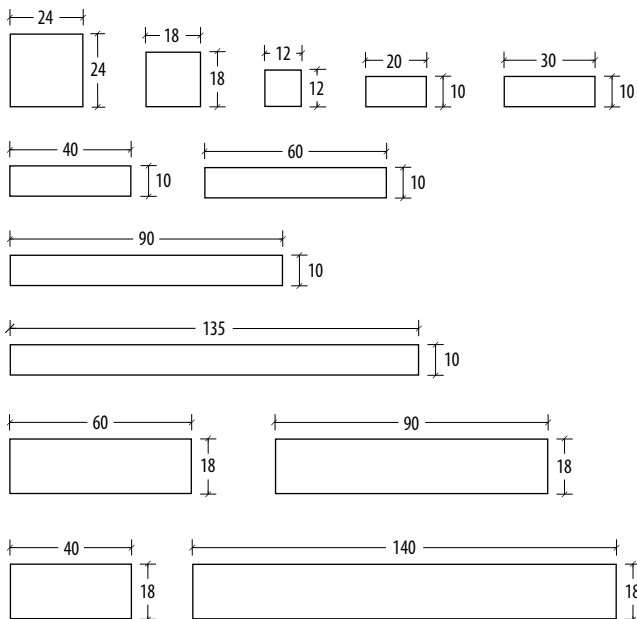


Splayed Square Top

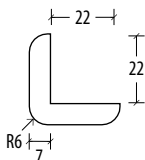


Government Arch

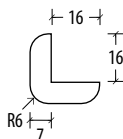


D4S**External Angle**

22mm



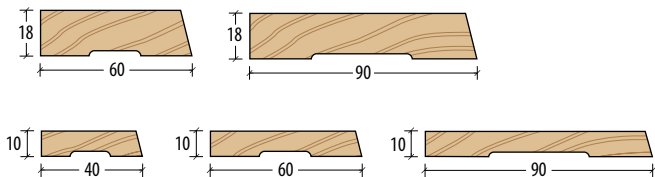
16mm



ARCHITRAVES | SKIRTING

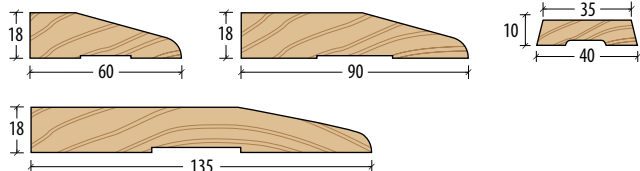
Solid Clears | Untreated | Unprimed | Random Lengths
Also available H3.1 treated on request

Single Bevel

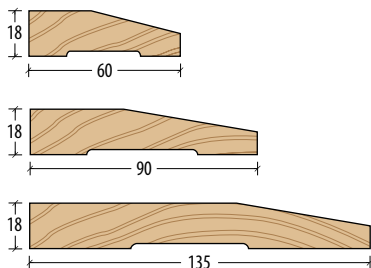


Government

Double Bevel



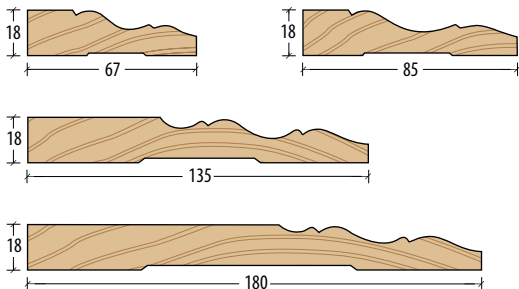
Splayed Square Top



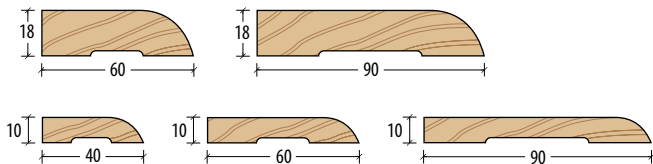
Mouldings and architraves can be treated to H3.1 on request. This is an ideal option for bathrooms, kitchens and laundry areas where water and dampness may be an issue.

Solid Clears | Untreated | Unprimed | Random Lengths
 Also available H3.1 treated on request
 Ask your timber merchant about Niagara's custom profiling

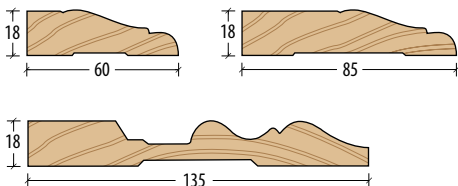
Replica



Bullnose



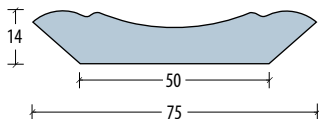
Colonial



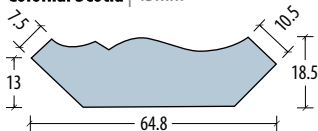
MOULDINGS

Finger Jointed | Primed | Untreated

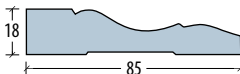
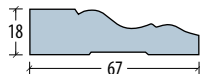
PMC7 Replica Scotia



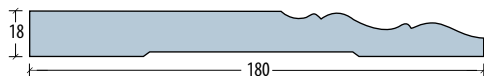
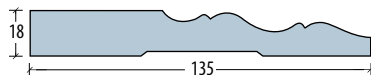
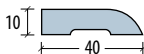
Colonial Scotia | 45mm



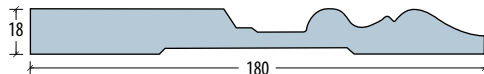
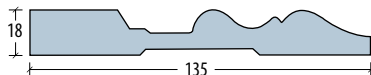
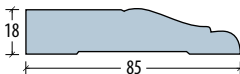
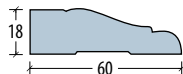
Replica



Bullnose



Colonial



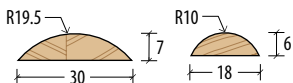
MOULDINGS

Finger Jointed | Unprimed | Untreated

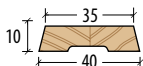
Bullnose



Half Round

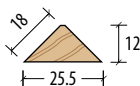


Double Bevel



Angle Fillet

18mm



23mm



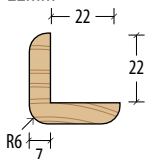
MOULDINGS

Solid Clears | Random Lengths | Untreated

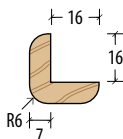
Also available H3.1 treated on request

External Angle

22mm

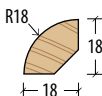


16mm



Quadrant

18mm



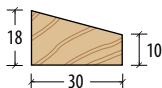
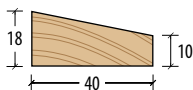
12mm



Interior

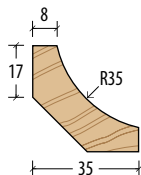
Solid Clears | Untreated | Random Lengths
Also available H3.1 treated on request

Bevelled Cornice

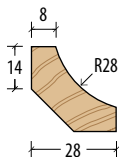


Scotia

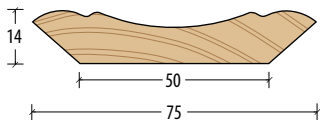
35mm



28mm



PMC7 Replica Scotia

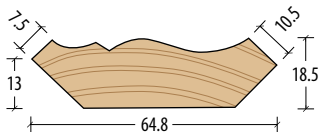


Glazing Bead

18x12

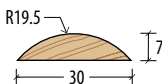


Colonial Scotia | 45mm

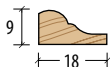
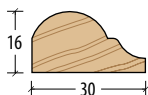


Half Round

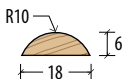
30mm



Bolection Mould

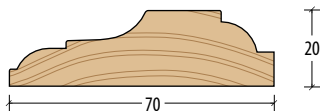


18mm

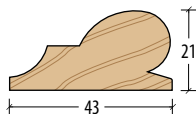


Solid Clears | Untreated | Random Lengths
Also available H3.1 treated on request

Dado Rail

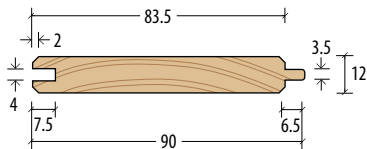


Picture Rail

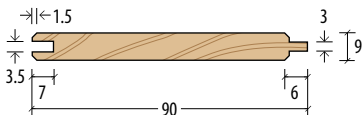


PANELLING

Solid Clears | Random Lengths



90x12 H3.1

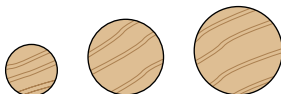


90x9 Untreated

Dowels

Clears, untreated.

Diameter - 6, 8, 10, 12, 15, 18, 20, 22, 25, 30, 32, 35 | Length 1.8m - 2.4m
40, 45, 50mm | Random Lengths

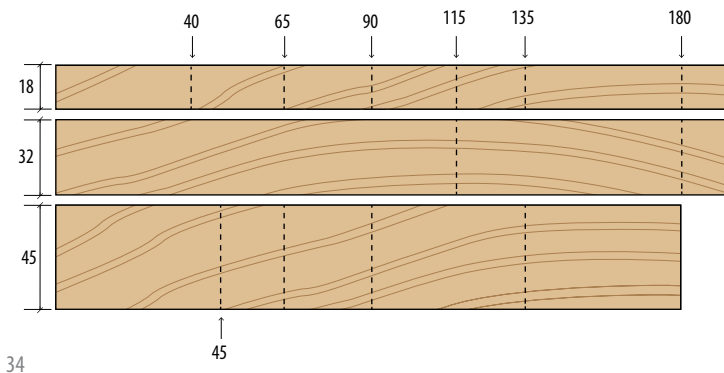




Quality, precision-made boards. Ideal for shelving, stairs, window and door components and other finishing.

SOLID SQUARE DRESSED BOARDS

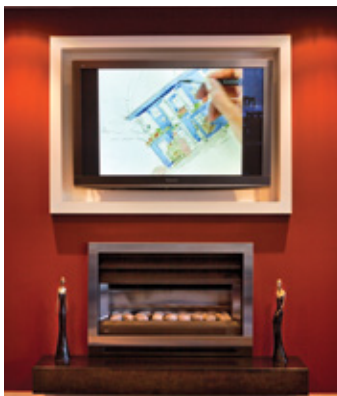
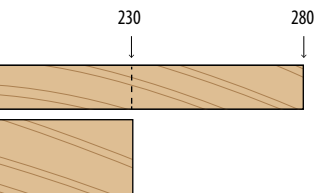
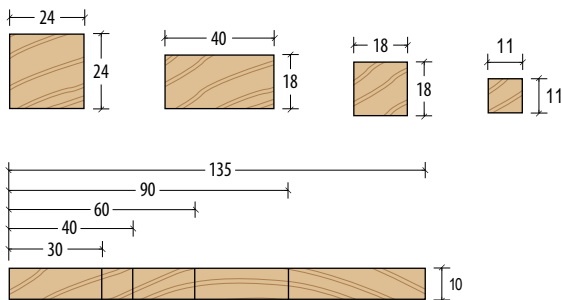
Available in clear grade treated to H3.1,
or untreated unprimed | Random Lengths



SOLID SQUARE DRESSED MOULDINGS

Solid Clears | Random Lengths

Available untreated or H3.1 treated



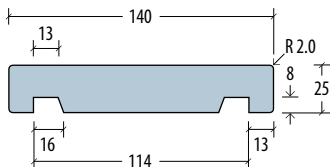
DOOR JAMBS AND COMPONENTS

Interior - Finger jointed | Untreated | Primed
Length - up to 6.3m * *Treated on request*

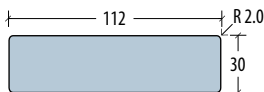


Door Jambs
technical information
www.niagara.nz

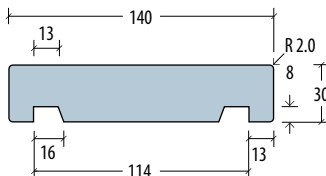
Grooved Jamb 140x25



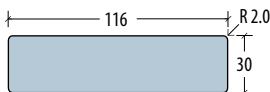
DAR Architrave 112x30



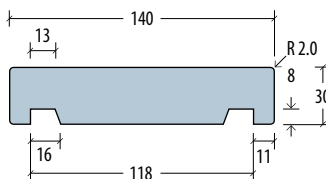
Grooved Jamb 140x30



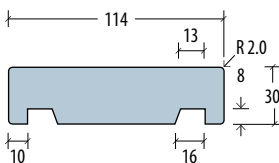
DAR Architrave 116x30



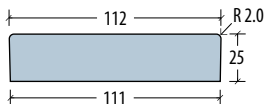
Grooved 13mm Gib 140x30



Grooved Jamb 114x30



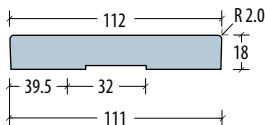
Undershot Jamb 112x25



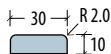
Undershot Jamb 118x25



Undershot Jamb 112x18



Door Stop



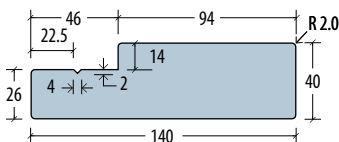
The mark of
responsible forestry

FSC® certified products
available on request

**Niagara products carry the internationally-prized
FSC® (Forest Stewardship Council®) certification.
Ask your timber merchant for Niagara's FSC
timber when you purchase.**

Exterior - Finger jointed | Primed | Treated to H3.1 | Length 6.3m

Jamb Rebated



Other profiles are
available on request

NAILING GUIDELINES

NAIL SELECTION Selection of proper nails is important.

Use Jolt Head (JH) hot-dipped galvanised or stainless steel annular grooved, for fixing either directly into framing or structural batten.

- Do not use plain or electroplated nails.
- Hot dipped galvanising must meet the requirements of AS/NZS 4680:2006.
- The use of a weatherboard screw is acceptable please refer to our installation manual section 3.5.

NAILING RECOMMENDATIONS Proper application and nailing practices are essential for maximising the product performance and appearance.

Nails must penetrate structural framing by a minimum of 35mm. Where structural battens are used a batten is part of the minimum 35mm penetration (refer to Branz Bulletin 475)

Nailing should be such that it does not restrict normal seasonal movement, so do not nail through overlapping pieces.

Hand nailing is recommended as nail guns can cause damage to the surface of the board. If a nail gun is used a non-marking attachment should be used to avoid damage to the board surface.

Nails are to be countersunk (punched) by 2mm and must be sealed and filled immediately to avoid moisture uptake around the nail head.

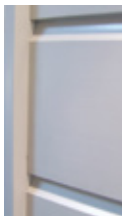
Pre-drilling near the ends is recommended as a precaution to avoid the possibility of end splitting.

Joins we recommend the use of scarf joints.

For full detail of Envira Weatherboard System please refer to our ENVIRA TECHNICAL MANUAL & INSTALLATION GUIDE www.niagara.nz/technical-literature

Recommended nail sizes

W/board size (mm)	Direct fixed to frame:	Nail size
142 187 230 x 18	Bevel Back weatherboard	75 x 3.15
142 190 x 21	Bevel Back weatherboard	75 x 3.15
142 187 230 x 18	Rusticated weatherboard	60 x 2.80
142 190 x 21	Rusticated weatherboard	60 x 2.80
180 215 240 x 19	Rusticated Wellingtonian weatherboard	60 x 2.80
90 140 142 180 x 18	Shiplap weatherboard	60 x 2.80
W/board size (mm)	Cavity fixed to structural cavity batten:	
142 187 230 x 18	Bevel Back weatherboard	75 x 3.15
142 190 x 21	Bevel Back weatherboard	75 x 3.15
142 187 230 x 18	Rusticated weatherboard	60 x 2.80
142 190 x 21	Rusticated weatherboard	60 x 2.80
180 215 240 x 19	Rusticated Wellingtonian weatherboard	60 x 2.80
90 140 142 180 x 18	Shiplap weatherboard	60 x 2.80
Component size (mm)		Nail size
100 x 100	External and internal box corners	50 x 2.50
All sizes	Facing boards	50 x 2.50
40 x 10	Bevel Back pre-cut scribe	30 x 2.00
40 x 18	Bevel Back pre-cut scribe	50 x 2.00
27 x 18 30 x 18	Rusticated pre-cut scribe	50 x 2.50
90 x 42 65 x 42	Sills	75 x 3.15
40 x 27 18 x 18	Eaves mould	60 x 2.80
82 x 38	Head trim	60 x 2.80
44 x 20	Cavity batten	60 x 2.80



General timber handling and installation

HANDLING AND STORAGE Unload timber products carefully by hand or by using a mechanical lifting device. Never drag boards across the ground.

To avoid bending product, always carry individual boards on their edge.

To minimise board distortion and moisture uptake **all Niagara products must be stored in a dry, well-ventilated area, stacked on a flat surface at least 150mm above the ground, covered and out of direct sunlight and rain.**

MOISTURE UPTAKE BEFORE INSTALLATION Kiln-dried radiata pine timber is hygroscopic. It will absorb moisture in a damp environment and release it in a dry environment (even when primed). If timber absorbs moisture, some dimensional swelling may occur, this will disappear when the timber returns to its original moisture content. **If product shows signs of dimensional swelling - allow time for it to dry out and return to the manufactured dimensions before installation.**

END-SEALING All end cuts, notches, rebates and drill holes must be resealed with a suitable end-sealing products such as Envira Fast Dry End Seal.

For warranty information, product specifications and installation techniques visit our website | www.niagara.nz



ENVIRA FAST DRY END SEAL

Available at your local timber merchant

Waterborne,
low odour quality
paint product by

Resene
the painter's professional

Innovative brush tip bottle
makes sealing end grains fast,
easy and clean - time after time...
with no messy brushes to clean up!



Envira Fast Dry End Seal Blue (12 bottles per Box)

PUTTYING AND SEALING Fill all nail holes with an exterior grade wood filler and prime with a suitable premium exterior wood primer. Sealants must not be relied upon for primary weather protection, they are used to assist with weathering at joint and laps only. All filled areas must be spot primed prior to top coating. ** For warranty and product recommendations please refer to our website.*

MOISTURE UPTAKE AFTER INSTALLATION The primer will not protect against the possibility of moisture uptake which can result in dimensional swelling. To avoid shrinkage lines it is essential that if swelling is evident, the product should be given time to dry out and return to its equilibrium moisture content and manufactured dimensions before application of any final coating system. Application of the first top coat prior to installation will help protect against moisture uptake during construction.

EXTERIOR PAINT SELECTION Use colours with a Light Reflectance Value (LRV) of 45 or more and with a gloss level of above 10%.

Timber is a natural product and resin is a natural constituent of the pine species. Resin bleed is rare, but most likely to occur in hot conditions, or where the product has been painted a dark colour.

**Our website provides a colour selection guide to avoid a resin bleed and should one occur, provides ways to rectify it.*

PAINTING WEATHERBOARDS Applying the first top coat before installation can save time later and will assist in protecting against moisture uptake during the construction and finishing process. For weatherboards it is recommended that at least the top 50mm is top coated (the area under the lap) prior to installation. This will prevent shrinkage lines showing through if the board expands or contracts as a result of climatic change.

PAINTING GUIDELINES Two top coats of quality house paint should be applied within six weeks of the product being installed.

Irrespective of when the top coats are applied, ensure all loose material and dirt is removed. Some sanding and spot priming may be required. It is the painter's responsibility to ensure all surfaces are prepared correctly prior to painting, including, ensuring that the primer is well adhered to the timber substrate and that all surfaces are in a suitable condition for subsequent top coats.

Do not top coat timber that has moisture-related dimensional swelling, The primer will not protect against the possibility of moisture uptake which can result in dimensional swelling. To avoid shrinkage lines it is essential that if swelling is evident, the product should be given time to dry out and return to its equilibrium moisture content and manufactured dimensions before application of any final coating system. This applies especially to weatherboards and fascia. Application of the first top coat prior to installation will help protect against moisture uptake during construction. All preparation and painting shall be carried out in a good tradesman like manner and to the requirements of the current AS/NZS 2311 Guide to Painting of Buildings, paint manufacturer's data sheets and to be applied by applicators with the necessary equipment and experience under the appropriate environmental conditions to ensure that the potential of the paint system is maximised.

MAINTENANCE All painted exterior surfaces should be washed at least once a year - do not use a water blaster.

Up to 10 years can be expected before a repaint is required however this will depend on the colour, type and quality of the top coat and the preparation of the surface prior to applying the first top coats. To ensure timber products achieve the durability and long life you expect, it is essential that a protective paint system is maintained in good condition and not allowed to deteriorate.

TECHNICAL INFORMATION & STANDARDS refer to:

BRANZ Good Practice Guide Timber Cladding • NZS3604 & E2/AS1.

It is essential your builder is familiar with these as well as the specific installation details supplied on Niagara's website www.niagara.nz

Painting your Envira Weatherboard System

The good news

Envira weatherboards and components are machine coated on all faces with an alkylid true primer ready for two top coats of premium quality house paint.

Keep it cool

Using dark paint colours on any surface can generate excessive heat. To safeguard against this select a paint with a 45+ light reflectance value (LRV) rating.

Paint for longevity

Use a qualified painter and select a quality paint with a gloss level of 10 per cent or more. We recommend you apply the first coat prior to installation and the second/ third within six weeks.

Future painting

As with any painted cladding if the surface is well prepared, painted and maintained then re-painting is only required every 10 to 12 years.

Follow the rules

All preparation and painting must meet the current requirements of AS/NZS 2311 Guide to Painting of Buildings and the paint manufacturer's data sheet.

Find out more

Full painting specifications can be viewed and downloaded at: www.niagara.nz/envira-painting-guidelines
Contact the friendly team at Niagara with any questions.



Moulding installation tips

BEFORE INSTALLATION We recommend you store mouldings in a clean dry area in the room where they are to be installed. Let mouldings adjust to the temperature and humidity in these rooms - approximately 2 hours before installation.

MEASURING When measuring along walls always allow extra for mitre cut.

CUTTING A 45 degree mitre cut is the most common moulding cut - lightly mark the angle on the moulding at the longest point of the 45 degree angle.

- Coping cuts and splicing cuts may be necessary when using fancy mouldings or joining mouldings end on end.
- For detailed cutting techniques visit our website - www.niagara.nz
- It is a good idea to practice the cuts on some scrap moulding to make sure the cuts are accurate and the saw is sharp and working properly.

NAILING We recommend either hand nailing or using a Bradder with 40-50mm finishing brads. Ensure fixing is to a minimum depth of 25mm into the framing timber. Mouldings can also be glued using most commercial brands of adhesive.

PAINTING The first undercoat is critical and should not be thinned. For best results apply two top coats. Lightly sand between coats and always use a quality alkylid or waterborne paint.

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[illegible]

[illegible]

Important numbers/emails

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Every effort has been made to ensure the information given in this booklet complies with existing building standards and recognised codes of practice at the current date of publication. No responsibility is accepted for any errors and omissions in this booklet or for any work or specifications based on this information.

If found please return to: Niagara, PO Box 332, Ashburton 7740, NZ
P: +64 3 308 0007 | 0800 FOR TIMBER | **E:** sales@niagara.nz
www.niagara.nz

Solid Clears: Clear on all four sides apart from minor imperfections.



Dressing Grade: A high grade board with sound tight knots and other natural characteristics.



Finger Jointed timber: Clear boards with glued, finger joints throughout.



Niagara's superior range of building products are produced from sustainable radiata pine grown in Southland or Otago, New Zealand.



www.niagara.nz

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