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3.0 COMPONENT SELECTION GUIDE

Design details, which support the information contained in this document, are available from the Palliside website www.palliside.co.nz or on CD from Dynex Extrusions Ltd.
A full list of the design details available can be found in the Palliside Technical Guide (paragraph 3.1).
Refer to the back of this document for contact details.

1.0 INSTALLATION PREPARATION AND OVERVIEW

1.1 Storage and Handling

Weatherboards must be laid flat in their original packaging (or otherwise covered) on bearers at 600mm centres. Do not lay other materials on top. Incorrect storage technique can result in buckling or distortion.

Weatherboards come in packs of four lengths. To remove weatherboards from the pack, cut through the full length of sleeve (outside boards in pack face inwards) and lift each weatherboard out.

Where possible it is recommended that two people carry out handling and fixing of Palliside.

1.2 Temperature

Additional care should be taken when fixing Palliside at temperature extremes. Where possible installation should be carried out in a temperature range of between 10°C and 25°C

In colder temperatures, care should also be taken when cutting and nailing the product. For example, it may be necessary to pre-drill the nail holes in each weatherboard.

1.3 Setting Out

The effective cover height of a Palliside weatherboard is 260mm nominal.¹

To work out the actual cover height of each course of weatherboard, remove 2 lengths from the packet and place them together measuring from the bottom of the lower board to the base of the second and use this as a guide for board courses. Make up a storey rod using this cover height to use as a guide.

A *storey rod* can be a length of timber or other material with the cover height for each course of weatherboard marked out on the length. This can be used to work out where the weatherboard will finish at head flashing and soffit height, as well as helping ensure corner alignment is maintained throughout the installation.

1.4 Tools Required

Palliside requires no special tools and can be cut and nailed like timber using a wide variety of standard building equipment including circular saws, jig saws and other power tools.

1.4.1 Cutting

Palliside weatherboards and trims can be cut using any of the following methods:

- A standard hand saw or tenon saw.
- An electric circular saw or drop saw, using a fine-toothed blade (minimum 20 teeth).
- An electric jigsaw or router (when cutting a straight horizontal line when the head flashing falls on part of the board profile, or for cutting utility holes, etc).

1.4.2 Hole Forming

When cutting or drilling holes for utility pipes, standard hole-forming attachments can be used. Care should be taken not to force the jigsaw or drill too hard or quickly.

1.4.3 At the Base of Openings

Mark the board in place, remove and cut to suit using a jigsaw. An alternative to this is to cut down either side to the score line using a saw, use a utility knife to score along the length of the weatherboard and then snap the section out by hand.

¹Weatherboard cover heights do not vary significantly from batch to batch

1.4.4 At the Head of Joinery

For best results a router (or jigsaw with a guide) can be used when cutting head flashing detail into the weatherboard.

Notes:

- Surfaces of circular saws must be free from burrs prior to working with Palliside.
- Remember to always adopt standard safety precautions when using power tools to cut Palliside.

1.5 Fixings

Fixings for Palliside (timber frame)	
Type of Fixing	Installation Method
	Direct to the Frame
Manual Nailing	The HDG 40 x 2.5mm Palliside nail must be used (fixed at maximum 600mm centres). The Palliside nail has been specially designed with a smaller (5mm) head. 5 kg boxes of Palliside nails are available as part of the standard range of accessories.
Impulse Driven Nails A nailing tool such as a Paslode finishing nailer can be used to fix Palliside weatherboards	Paslode ND50mm SS304 brads, or equivalent (2 per stud, skewed, at a maximum spacing of 600mm centres). (ITW/Paslode product code B20054)
Screws Palliside may be fixed using screws	8 gauge x 1¼" SS304 grade countersunk square drive wood screws or equivalent. (MSL/Fortress Code SFQX 832)

1.5.1 Summary on Fixings

1.5.1.1 Requirement for Stainless Steel in Sea Spray Zones

Due to the unique hidden nailing system and anti-capillary groove, there is no requirement to use stainless steel nails when fixing Palliside in sea spray zone locations as specified in NZS 3604.

The specification of Stainless brads and screws deals with the best option in absence of a HDG finish.

In these locations, any nail fixings that are to be exposed and not hidden by the weatherboard interlock; fixing should be of equivalent size, with a minimum SS316 treatment.

Accordingly, in these locations it would also be prudent to increase the specification of screws that are to be exposed and not hidden by the weatherboard interlock to SS316 grade.

1.5.1.2 Curved Walls

As covered in the Palliside Technical Guide (paragraph 2.10.2) when Palliside is to be installed to a curved wall, the weatherboard needs to be screwed in place using 8 x 1¼" SS304 grade countersunk square drive screw (MSL/Fortress Code SFQX832) or equivalent.

1.5.1.3 Steel Frames

As steel framed construction is a specific design, the manufacturer of the steel frame should be consulted to ensure any fixing selected is suitable, however as a guide the minimum specification should be a self-drilling SS304 grade countersunk square drive screw or equivalent. The length of the fixing must cater for the thickness of the thermal break (minimum 10mm) and allow for a minimum 10mm penetration through the frame.

²Palliside nails can be used when installing Palliside on a cavity meeting the parameters of Paragraph 2.12.4 for structurally installed battens.

2.0 PALLISIDE FIXING PROCEDURES (DIRECT FIX)

Pre-line Checklist

- Has the correct type of building paper/wrap been selected and installed correctly?
- Has flashing tape been applied to the base of the sill and to all corners of windows and door openings?
- Is the moisture content of the timber 18% or less?
- Is the timber frame straight and studs inline?

2.1 Installation of Base Accessories

Before the installation of weatherboards and joinery commences, all base accessories need to be fixed in place. This should occur after the straightening of frame and installation of **absorbent breather type**¹ building paper/wrap.

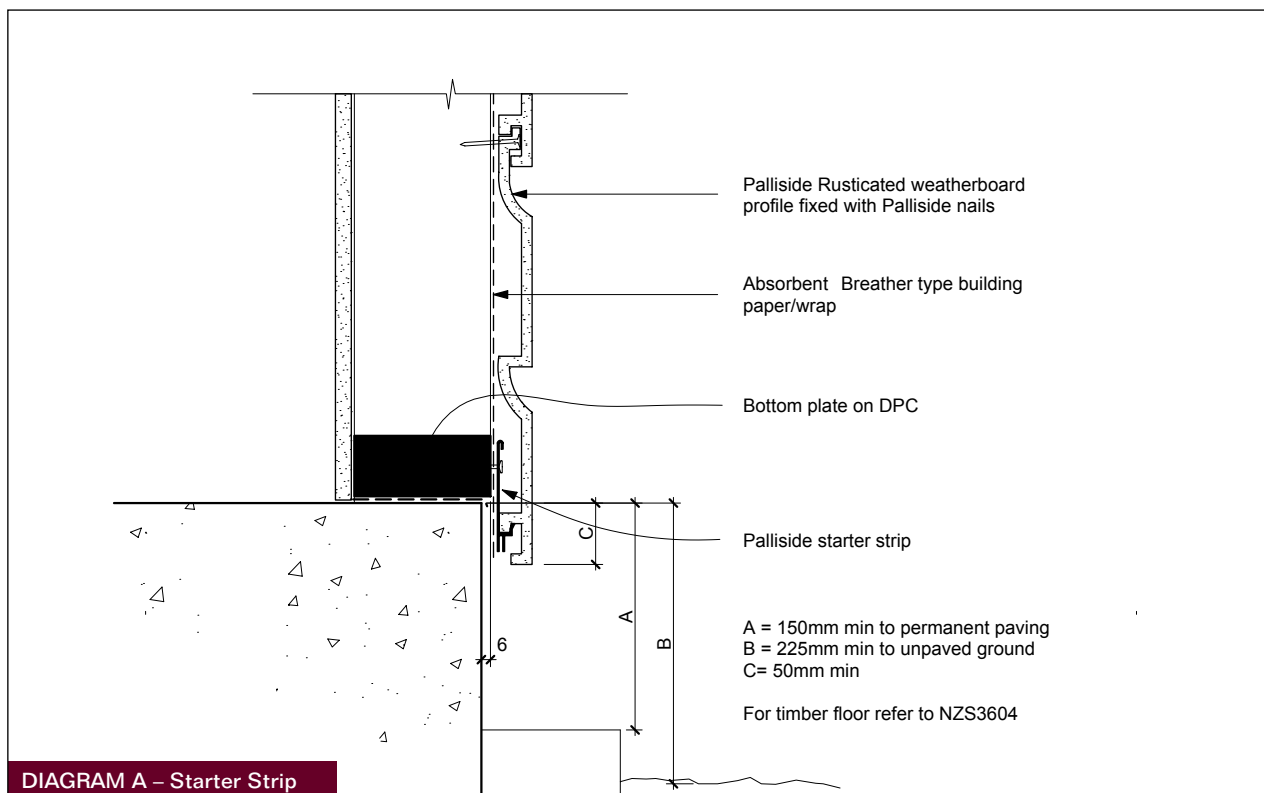
Base accessories include all starting pieces, all corner base pieces, and the two-part jointer base piece².

- Fix all base accessories at 300mm centres.
- Use a chalk line and level to ensure that selected horizontal starting options are fixed level. This is particularly crucial with starter strip.
- Starting accessories should also be left slightly short of the selected corner option base pieces and vertical trims, not overlapped.
- Mitre trims where required.

2.2 Starting Trims (not including Corners)

2.2.1 Starter Strip

Pallside starter strip should be installed so there is a minimum 50mm weatherboard overhang in accordance with the requirements of the New Zealand Building Code, refer ground clearances in the Technical Guide.



¹Minimum absorbency of 100gm² as per table 23 NZBC clause E2/AS1.

²If the 2-Part jointer option is selected.

- Starter strip can be used when installing Palliside above joinery between brick veneer (refer design detail DC31)
- Cannot be used when starting with a part board, or along raked areas

2.2.2 Cavity Vermin Tray

There is no requirement for cavity vermin tray when installing Palliside direct to the frame.

2.2.3 One Part Channel Trim

When can One Part Channel be used with the Rusticated Profile Weatherboard?

The One Part channel can be used as a universal starting option, around the apron of top storeys that contain raked/sloped rooflines and/or different starting heights or as a vertical trim abutting another cladding.

When can One Part Channel be used with the Traditional Profile Weatherboard?

The One Part channel can be used as a vertical trim abutting another cladding but is not ideally suited as a starting option for horizontal part board starts and raked/sloped rooflines.

When Installed on a horizontal 5mm drain holes must be drilled at maximum 600 centres.

2.2.4 2-Part Channel

When can 2-Part Channel be used with the Rusticated Profile Weatherboard?

The 2-Part channel trim can be used as a universal finishing option for both gable ends and horizontal finishes where the weatherboard does not finish on a scallop, around the apron of top storeys that contain raked/sloped rooflines and/or different starting heights or as a vertical trim abutting another cladding².

When can 2-Part Channel be used with the Traditional Profile Weatherboard?

The 2-Part channel trim can be used as a universal finishing option for both gable ends but not horizontal finishes, around the apron of top storeys that contain raked/sloped rooflines or as a vertical trim abutting another cladding³.

2.3 Corner Options

All base pieces of corner options must be installed **prior** to the installation of the weatherboard and must be fixed to the frame at 300 centres.

It is permissible to join base pieces if required. (When joining a 2 piece option, stagger the base and cap join)

2.3.1 90° External Corner Soaker Option

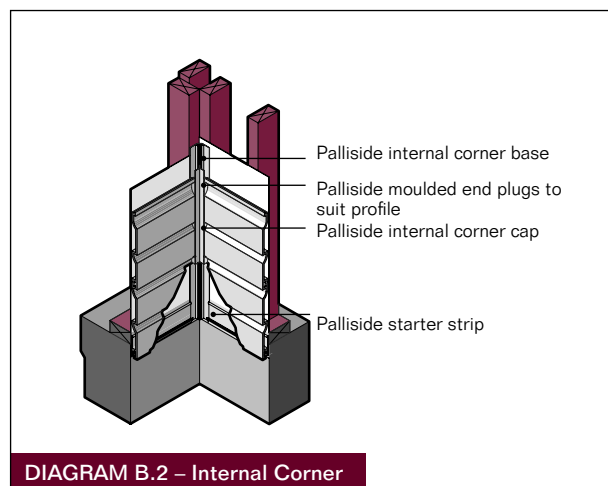
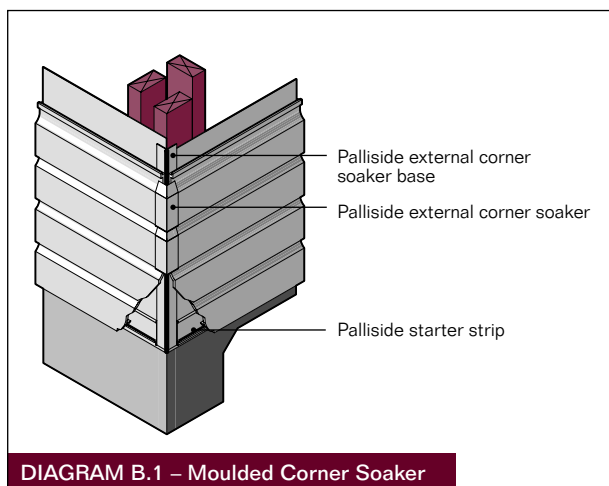
When using the Palliside corner soaker option the correct shaped base piece must be installed prior to the installation of weatherboards. (Refer diagram B).

Once the weatherboard have been installed to one wall continue on the second wall clipping in place the corner soaker cap pieces (which match the shape of the Palliside profile). Ensure that the soakers line up tidily. If there is difficulty fitting these in place or gaps are prevalent to one side, check to ensure that weatherboards are aligned correctly.

No solvent or sealant is required to hold these in place.

¹ One Part channel is suitable for use as an alternative to the Palliside window scribe when installing over a drained cavity. This trim assists with the location of the moulded end plugs installed into the profile gaps

² Providing that the spine of the flashing is not visible



2.3.2 90° Boxed Internal Corner Option

This two-part option provides a boxed finish for 90° internal corners.

The base piece has a specially designed location tabs (refer diagram B.2) that assist the location of the weatherboard. The weatherboards are then installed before the male cap piece is pushed in place. This cap features fins to aid the installation of the Palliside moulded end plugs that are inserted into the gaps using solvent cement.

2.3.3 90° and 135° Boxed Corners

2-Part Boxed 90° External Corner (Refer design detail DF07)

When preferred there is an option available for a 90° boxed external corner finish. The base piece is installed prior to the installation of weatherboards. The male cap piece is pushed into place and allowance made for the fitting of Palliside moulded end plugs, after the weatherboards have been installed.

2-Part Boxed 135° Corner (Refer design detail DF37)

The 135° corner can be used for either internal or external corners by reversing the base section, as is commonly required around bay windows.

Care should be taken to avoid taking the weatherboards past the clearly marked witness lines of the selected base piece. The cap piece is then fixed in place and allowance made for the Palliside moulded end plugs to be inserted using solvent cement.

2.3.4 Non-Standard Corners (Refer design detail DF25)

A drawing is available showing how to provide custom made back flashings for non standard corners.

2.3.5 Timber Boxed Corners (Refer design detail DF32)

If preferred timber corner facing may be used to enhance the character of design. Details are available demonstrating how to complete this option. A timber scribe can be cut to suit the traditional weatherboard profile or moulded end plugs can be used.

Timber facings should be screwed through the Palliside into the framing behind, sealed and painted to suit.

2.4 Jointing Options

Note: As per paragraph 2.5 of the Palliside Technical Guide covering weathertightness scope; when installing Palliside direct to the frame the moulded flat soaker option is only suitable for elevations measuring up to 6 points on the building envelope risk matrix. To use the flat soaker option on elevations calculated between 7 and 20 points, Palliside must be installed over a drained cavity.

2.4.1 Moulded Flat Soakers

Moulded flat soakers that match the shape of the chosen weatherboard profile can be used. When using this option the soakers can be installed off stud, providing that weatherboard joints are staggered.

When installing weatherboards a 5mm gap must be left to cover minimal thermal movement. The flat soaker can be inserted later by carefully applying solvent cement to one side of the back of the flat soaker. (Push the soaker in place ensuring that it engages correctly and that the spine of the soaker is hard against the weatherboard on the solvanted side).

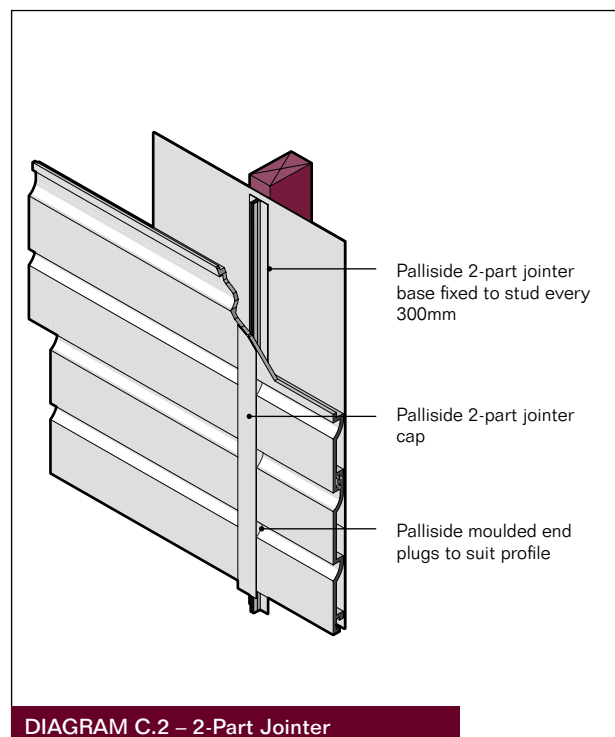
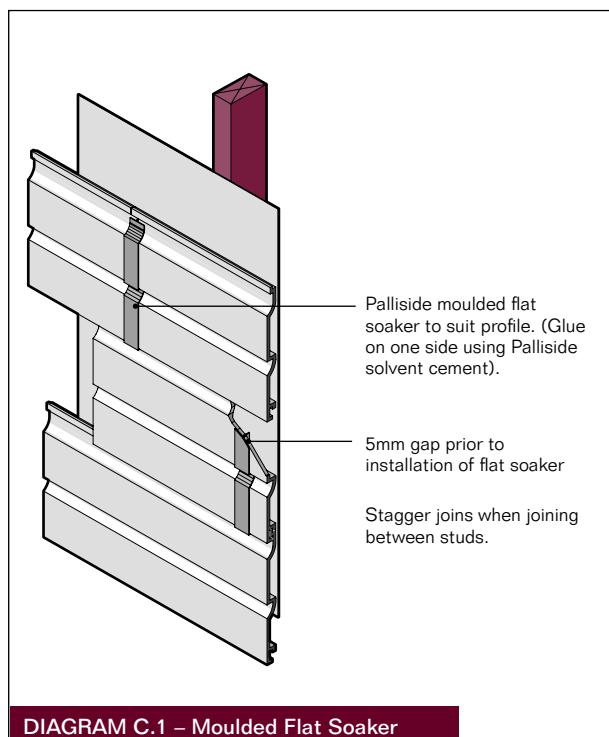
There is no base piece required for this option

2.4.2 2-Part Jointer

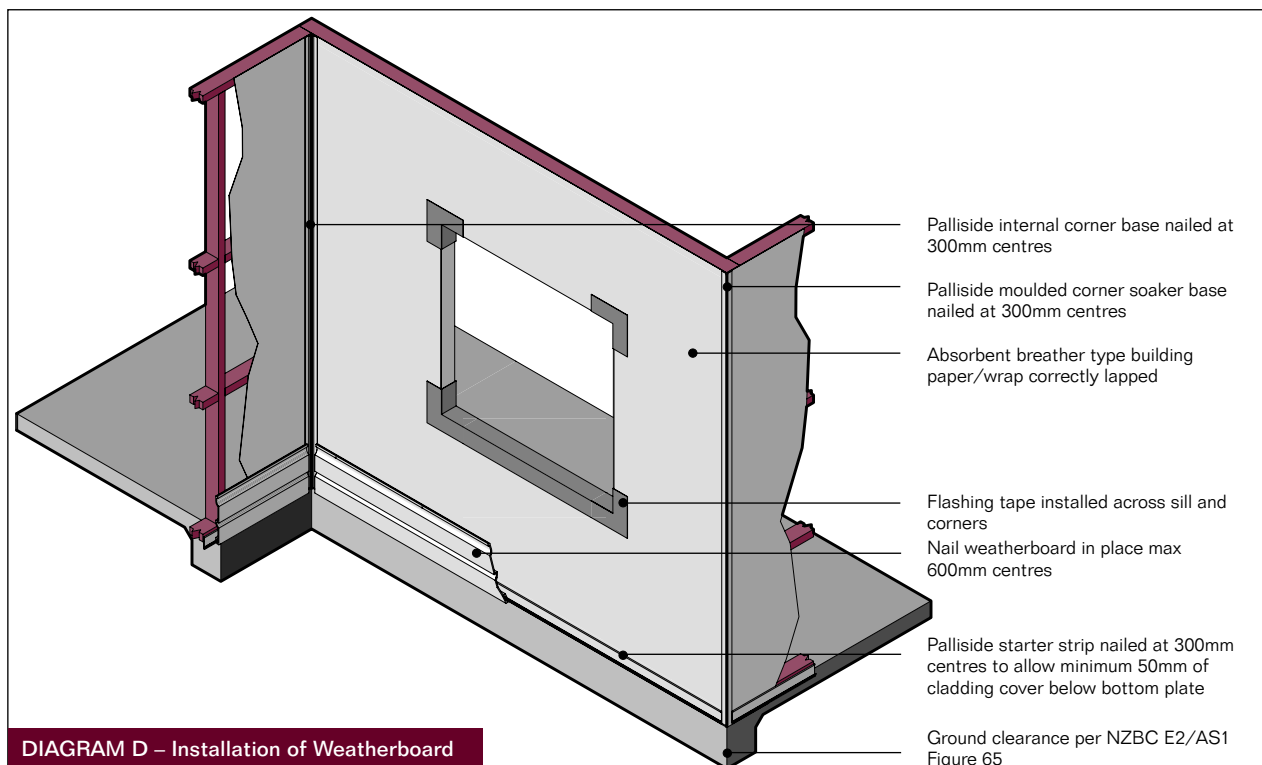
The female base piece is installed prior to installation of weatherboards and must be fixed in place at maximum 300 centres. When fixing weatherboards leave them 5mm short of the spine of the base piece. The cap is then fixed in place and allowance made for Palliside moulded end plugs to be inserted in place using solvent cement.

This jointing option can only be used when joining on stud.

This jointing option can be hidden by strategic placement of downpipes etc.



2.5 Installation of Weatherboard



Once starting heights have been confirmed, building paper/wrap correctly lapped and fixed and base accessories have been fixed in place, it is time to commence the installation of weatherboards.

When nailing Palliside, point the fixing slightly downward (this is to avoid splitting the top of the back part of the weatherboard, which leads to creeping out of level during installation) and nail from one end to the other or from the middle outwards.

Nail at maximum 600mm centres leaving a 5mm⁴ gap between weatherboards when joining the boards.

Notes:

- Ensure Palliside nails are hit home firmly but not over nailed
- When using brads use 2 per stud skewed.
- When using screws ensure that the head of the screw is flush with the fixing groove to ensure the next weatherboard can overlap without interference.

Push into place the next course of boards correctly and continue fixing.

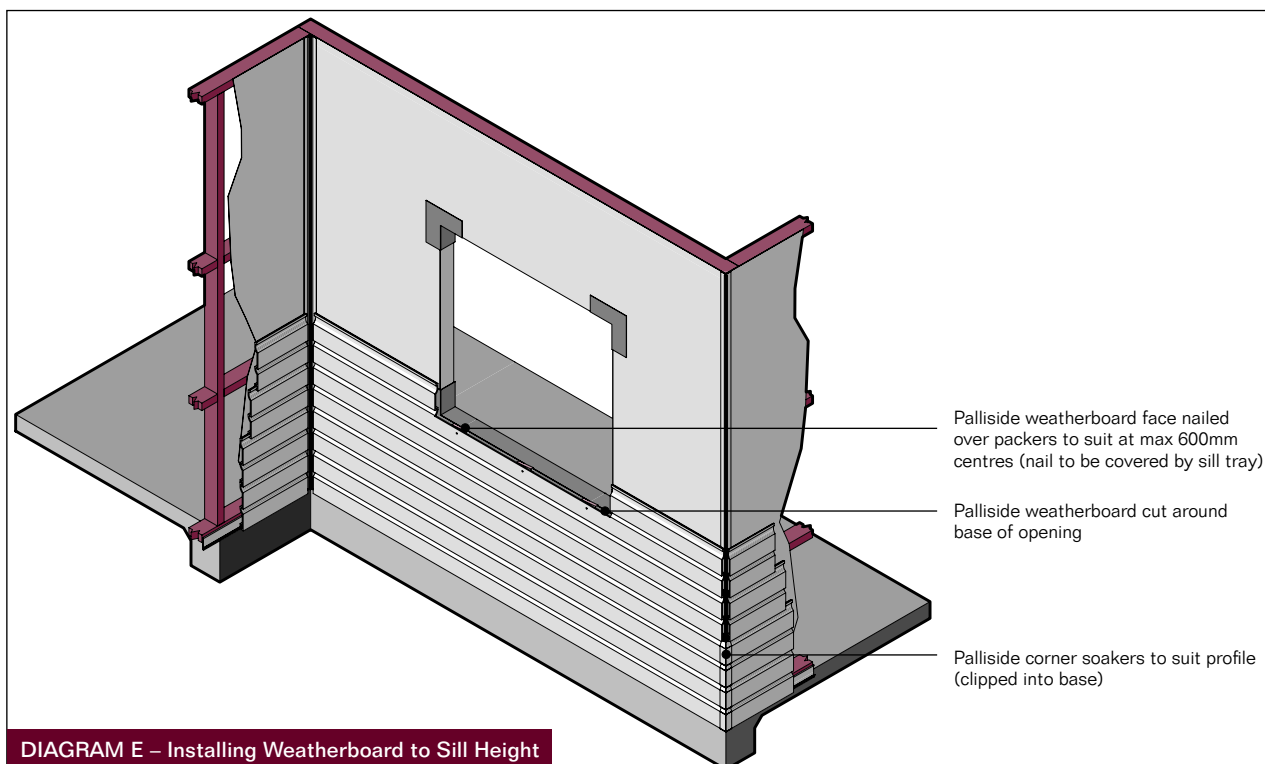
The locking procedure is designed tight to protect from water and dust. If difficulty is experienced interlocking the weatherboards, lay a timber off-cut on the upper edge of the board and gently tap into place with a hammer. Do not hit directly down on top of the weatherboard.

It is advisable to check that the courses of weatherboard remain level using a spirit level and/or storey rod.

2.5.1 Install Weatherboard to Sill Height

Carry out installation of weatherboard as described earlier to the base of the opening, cutting weatherboard around opening to suit (making sure that the cut of the weatherboard is no higher than the sill trimmer plate). Pack out weatherboard at sill trimmer. Fix the cut board at maximum 600mm centres. To ensure that the fixing will be covered by the sill tray lip, place it within 10mm of the top of the cut board. (Refer to diagram E)

⁴ When using the moulded flat soaker joining option



2.5.1.1 Packing Out Cut Weatherboards.

When starting or finishing on a part board or where a part board finishes below joinery, timber packers should be used to pack out the weatherboard. Board off-cuts (6mm x 2) can often be used for packing out the Rusticated profile (18mm).

Any horizontal cut areas still need to be nailed in place at a maximum 600 mm centres. Nail these areas so that the fixing is not visible (eg. Covered by joinery or trim). Fastfix fasteners can be used in some instances, particularly in holding the weatherboard and head flashing in place above windows.

2.5.1.2 Cut Traditional Board Start (Horizontal Only)

Due to the tapered nature of the traditional weatherboard profile, starting part way up the face of the weatherboard may make the area unsuitable for using any of the standard starting trims discussed in this document. Therefore particular care needs to be taken with the weatherboard cut.

If desired, the two-part channel trim can be used by modifying (Reducing) the base and cap to allow the cap to fit tighter to the base. Due to the modification, solvent cement may be required to glue the cap piece in place. Drain holes still need to be drilled to allow moisture to get out.

2.5.1.3 Installation of Weatherboard Below Doors and Ranch Sliders.

Palliside weatherboard must be cut around and continued below doors and ranch sliders (Refer design detail DF44).

2.6 Installation of Window Flashings and Joinery

Windows should not be installed into the openings until the weatherboard has been fixed to the sill height and sill and jamb base flashings fixed correctly in place.

All aluminium joinery should be compliant with the parameters outlined in the Palliside Technical Guide, paragraph 2.9.1

2.6.1 Installation of Sill Tray

The Palliside Sill tray is required to be installed at the base of all openings in direct to frame installations only⁵, prior to the installation of joinery.

Cut sill tray to suit width of opening and run a bead of sealant behind the front edge of the sill tray that sits against the weatherboard.

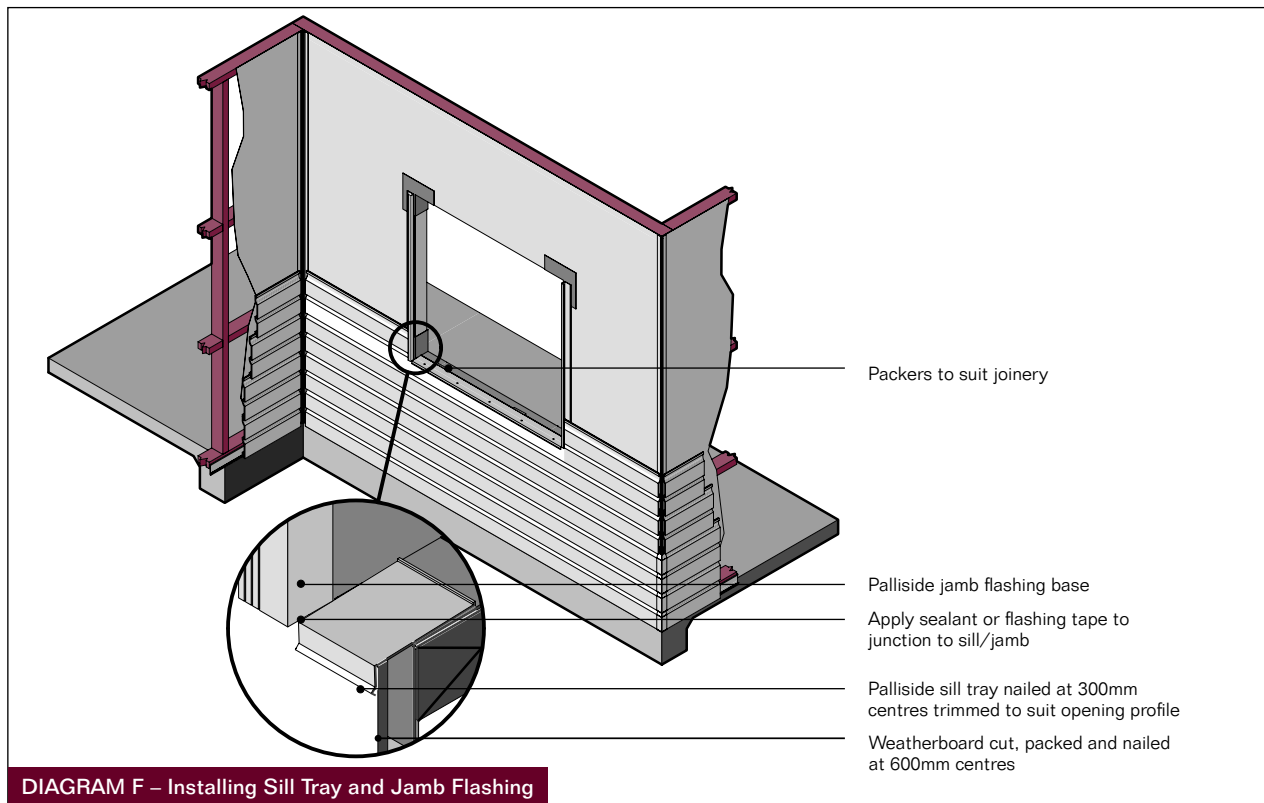
⁵ Sill Trays must not be used with installation of Palliside over a Drained Cavity.

Fit the sill tray in place ensuring the 5° slope is maintained, and fix at maximum 300 centres (nail through the sill tray as close to the front of the sill trimmer as possible).

2.6.1.1 Trimming Sill Tray Lip

The front lip of the sill tray has tear off strips to allow for the tapering face of the bevel backed traditional profile. Once in place it may be necessary to trim the lip by carefully tearing off the required tab(s) so that a minimum 5mm gap will be maintained between the front of this lip and the back of the aluminum flange of the joinery once this joinery is installed.

For the Rusticated profile this lip is completely removed (unless the sill tray is installed on the scallop part of the weatherboard profile). With the Traditional profile, the amount to trim off will depend on where on the tapered profile the sill tray sits.



2.6.2 Installation of Jamb Flashing Base and Joinery

The base of the vertical jamb flashing is fixed in place either side of openings prior to the installation of joinery and weatherboards. This flashing is compatible for both Pallside profiles.

Cut the jamb flashing base to match the height of the opening. Fix this flashing in place so that the spine of the jamb flashing is flush against the side of the opening. Repeat this process for both sides of the opening.

At this point measure the width of the joinery ensuring you will have a minimum flange cover of at least 10mm either side of the opening once the joinery is installed as outlined in the Pallside Technical Guide.

Apply a piece of flashing tape or a bead of sealant where the spine of the Pallside jamb flashing meets the side of the sill tray.

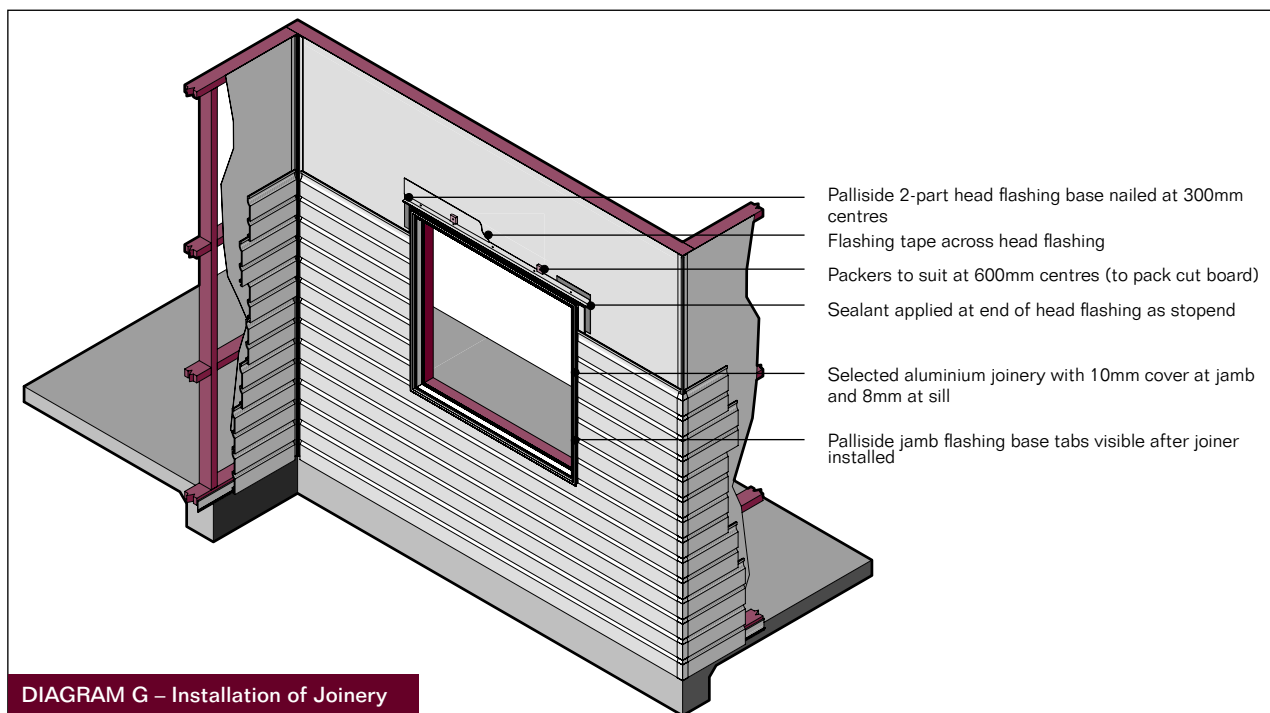
2.6.3 Installation of Joinery

Place joinery into the opening then pack and nail in place ensuring that the joinery is level.

While the joinery does not need to be centred it must be fixed so that:

- A minimum 7.5mm gap is maintained around the circumference between the joinery reveal and the opening.
- There is at least 10mm flange cover over the jamb flashing base either side (the line on the face of the jamb flashing base nearest the spine indicates the minimum 10mm cover required) and 8mm at the sill.

Do not remove any of the tear off tabs from the jamb flashing base at this stage.



2.6.3.1 Windows Close Together

Where two windows closely adjoin each other it may be necessary to tack windows in place and remove at least one while the weatherboard is installed to the head flashing height.

2.6.4 Installation to Head of Window

Continue to install weatherboards either sides of the opening up to the head flashing level.

2.6.5 Installation of Head Flashing

Take the base and cap of 2-Part Head flashing and cut to allow for a minimum 40mm longer than the width of the aluminium joinery.

Clip together and place the head flashing above the joinery so that it rests on the flange of the aluminium. Centre this in place so there is a minimum 20mm cover either side of the joinery. Nail through the base of the head flashing at 300mm centres and cover the width of this base with flashing tape, before removing the head flashing cap.

- Nail packers (to suit) in place to the base of the head flashing evenly spaced at maximum 600 centres.
- Apply sealant at either end of the head flashing to form a head flashing stop end.
- Remove head flashing cap and insert cut weatherboard in place

2.6.6 Installation of Weatherboard Above Joinery

Measure where the cut is required for the head flashing to penetrate the face of the weatherboard. Cut the weatherboard out to suit, taking care to ensure that the horizontal cut for the head flashing is neatly finished and will allow the head flashing to sit tidily.

2.6.6.1 Full Weatherboard Profile Above Joinery

If it works out that a full weatherboard profile can be placed above the head flashing it will be necessary to cut a slot into the weatherboard either side of the opening to allow for the head flashing to be fitted in place.

Then trim the nailing groove from a weatherboard off-cut (e.g. taken from the cut around the base of the opening) and nail this across the base of the head flashing, level with the nailing groove either side of the opening. Place the weatherboard in place and continue.

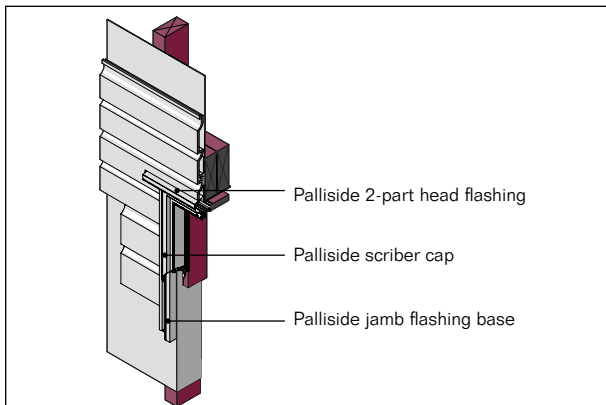


DIAGRAM H.1 – Cut Weatherboard Profile at Head Flashing

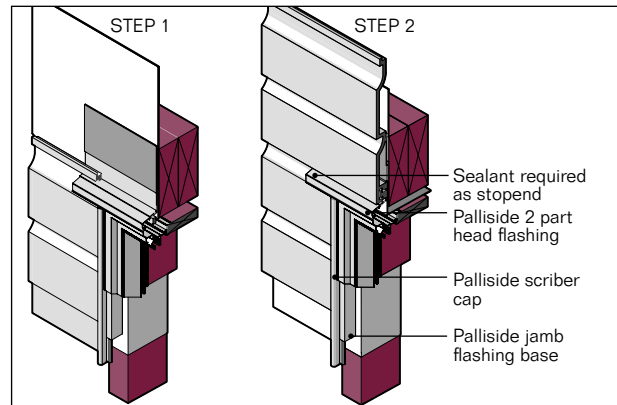


DIAGRAM H.2 – Full Weatherboard Profile at Head Flashing

2.6.6.2 Slot to Side of Head Flashing.

In instances where the base piece of the head flashing penetrates the cut weatherboard slightly, slope the cross-section of the cut on an angle to allow the base to sit nicely. Use sealant to provide additional protection in these areas.

2.6.6.3 Securing Weatherboard Above Head Flashing in Place

When the head flashing has been cut into the weatherboard profile it is necessary to hold the base of the weatherboard in place above the head flashing using Fastfix Fasteners, unless head flashing has been installed in accordance with paragraph 2.6.6.1

To achieve this ensure that the weatherboard is correctly packed out and pre-drill 6mm holes at 600mm centres spaced evenly across the face of the opening. Hammer Fastfix fastener in place.

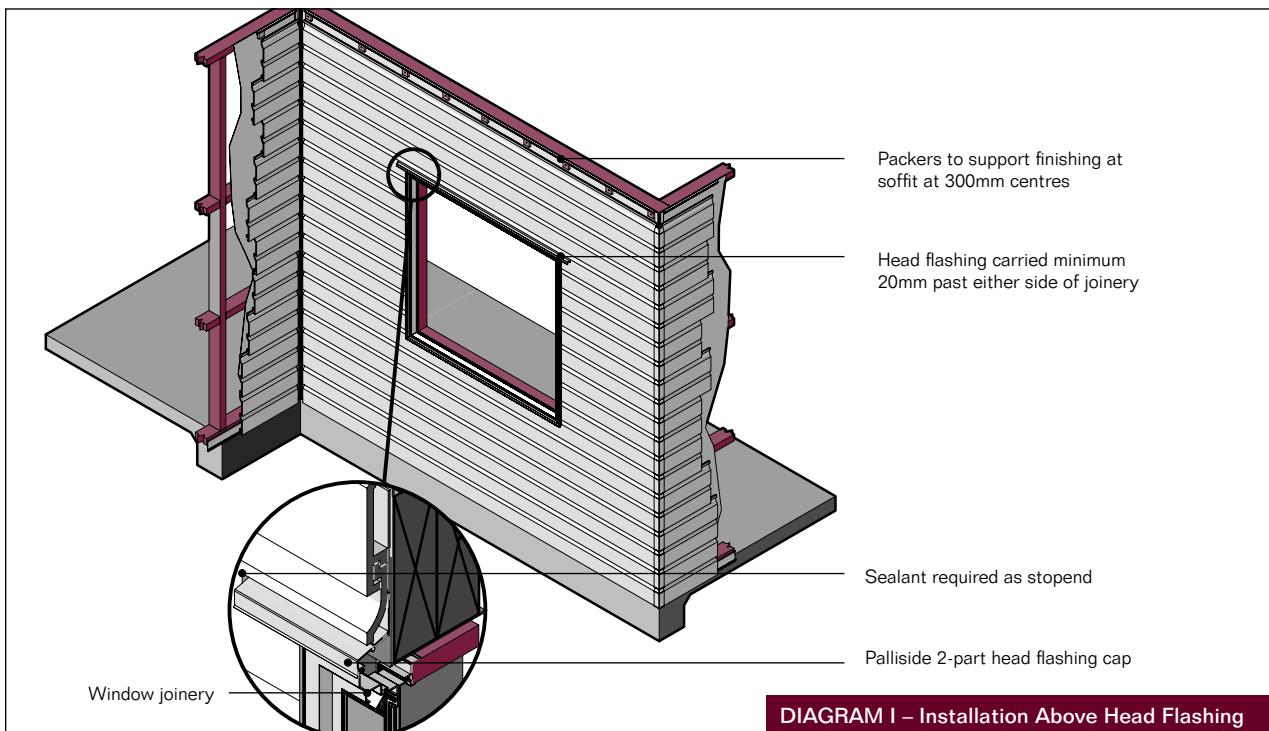


DIAGRAM I – Installation Above Head Flashing

2.7 Installation to Soffit

Carry out the installation of the weatherboard above the head flashing to soffit.

2.7.1 Soffit finish

Trim and pack out weatherboard to suit soffit height (particularly horizontal soffit finishes). For best results reduce the spacing of these packers to 300mm centres.

2.7.1.1 Horizontal Soffit Finish

Palliside foam soffit mould is a 40mm x 18mm cornice moulding which can be used as a horizontal finish at soffit line. This trim is available in 3.6m lengths to match the chosen Palliside colour.

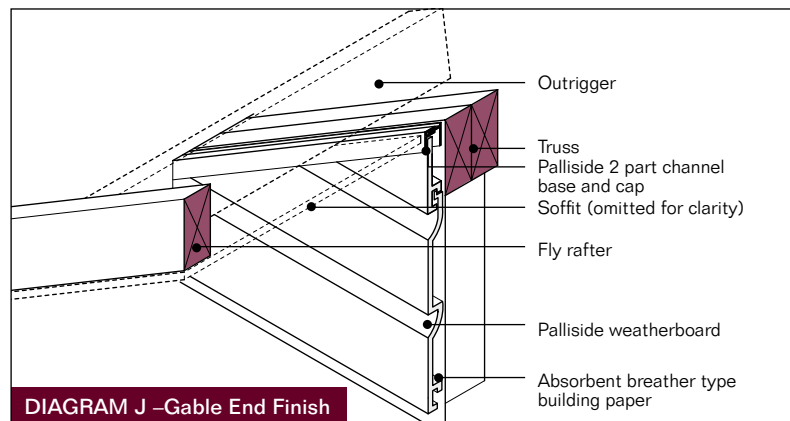
This accessory may be either face nailed using 40x2.0mm HDG jolt-heads punched and covered with a dab of matching solvent applied to hide the fixing, or fixed using finishing brads (2 skewed at 300mm centres).

When installing the Rusticated Profile the 2-Part Channel trim may also be suitable providing that the weatherboard does not finish in the scallop part of the profile.

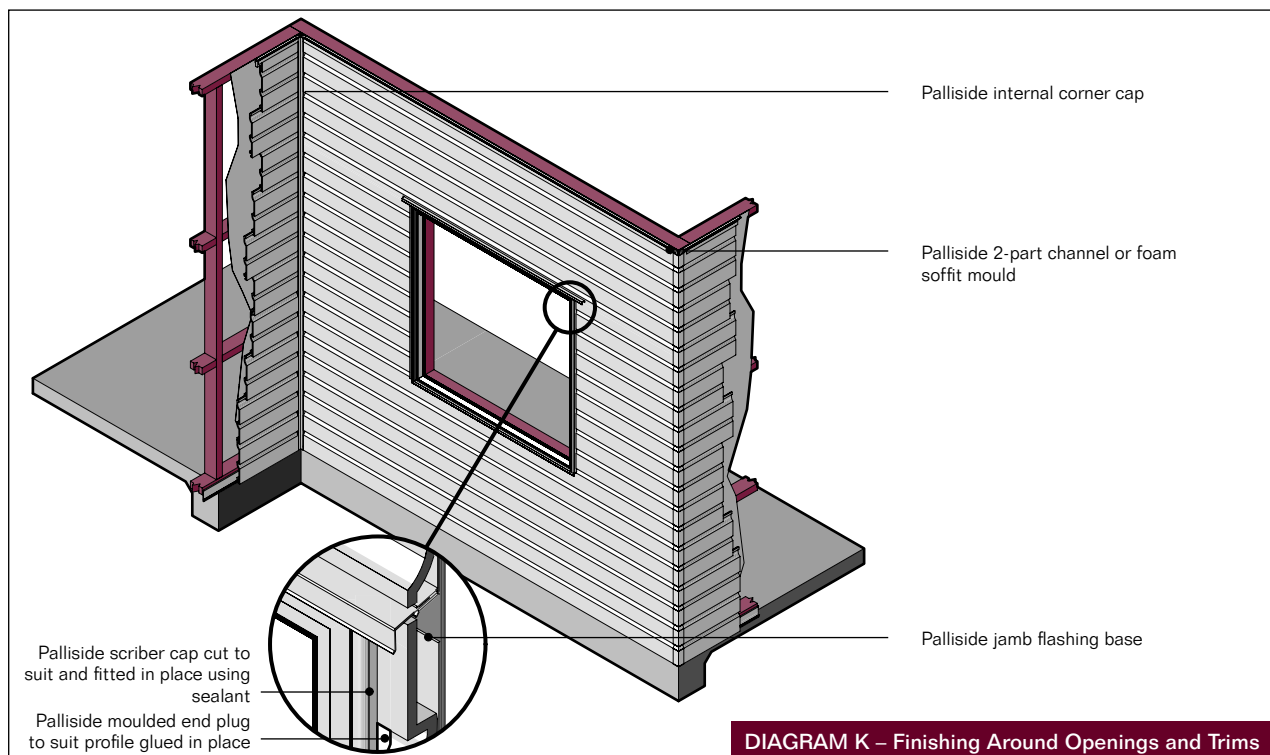
2.7.1.2 Gable Ends and Rakes

It is recommended that the Palliside 2-Part Channel trim should be used in these areas as a finishing trim.

If using the 2-Part Channel the base will need to be fixed in place prior to the installation of the top weatherboards. Before inserting the cap, insert a continuous strip of Polyethylene Foam (PEF) Rod or Inseal tape placed between the spine of the 2-Part channel base and the weatherboard.



2.8 Finishing



2.8.1 Openings

2.8.1.1 Prefit the Scriber Caps

Cut the scriber cap to suit the total height of the window allowing for a 15° taper to the top. This will allow for a tidy finish where the head flashing cap is inserted later.

Prefit the scriber cap in place to the side of the window ensuring that the scriber abuts firmly to the side of the aluminium joinery. (It may be necessary to remove one of the tear-offs from the jamb flashing base to allow this to occur)

2.8.1.2 Installation of Head Flashing Cap Piece

Install the cap of the head flashing in place so the front face is resting on the front of the scriber caps.

Apply sealant where the head flashing cap sits on top of the head of the aluminium joinery flange.

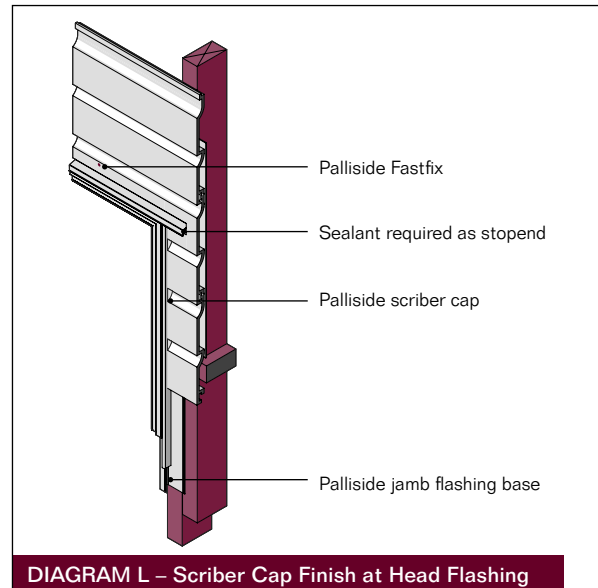
2.8.1.3 Sealing Scriber Caps in Place

Once the head flashing cap has been installed, remove the scriber cap and carefully apply a bead of sealant to the surface of the scriber where it intersects the base of the jamb flashing and re-insert in place.

Note: Sealant is a preferred option rather than solvent cement for this area as it will allow the removal of these cap accessories later if necessary.

2.8.1.4 Insertion of End Plugs

Install the Palliside moulded end plugs to the side of the windows by carefully applying solvent cement into the gaps of the weatherboard profile and inserting the end plug in place flush with the outside of the scriber cap.



2.9 Continue the Installation Process on Remaining Walls

2.9.1 Finishing of Corners and Trims

All other finishing trims including boxed corner caps, flat soakers and end plugs can be applied during the weatherboard installation process or later at the completion of the installation if preferred.

If the 90° external corner soaker option has been selected Palliside corner soakers can be pushed (clipped) in place (using the rubber handle of a hammer or rubber mallet) after the installation of each course of boards. This helps keep track of board profile alignment.

2.9.2 Solvent Cement and Sealant

Solvent cement is used for fixing Palliside end plugs and flat soakers in place.

- When using solvent cement, care should be taken to avoid any solvent being placed on the parts of extruded PVC accessories that are visible such as the caps of boxed corners and channel trims (this can lead to dimpling).
- Excess solvent should be removed straight away by using a damp rag. Do not wait for solvent to dry before doing this.
- Be aware that Palliside solvent cement takes time to adhere therefore apply solvent and wait a short time before installing end plugs or flat soakers.
- Apply solvent to gap where end plug is to be placed; do not apply solvent to the end plug itself.
- Apply solvent to one side of the flat soaker and push in place wiping away excess solvent.

A range of MS based sealants matching the Palliside colours is available. These and other neutral cured or MS based sealants can be applied to Palliside in the following scenarios:

- To form a flashing stop-end above joinery
- Around the area where the head flashing penetrates the weatherboard to the sides of joinery.
- Installation of the jamb flashing scribe caps
- As an alternative to Palliside solvent cement
- Finishing around penetrations such as pipes, etc.

Note:

The use of solvent cement or sealant should not substitute the use of sound weathertightness principles and/or tidy finishing.

2.9.3 Installation of Airseals

As specified in the Palliside Technical Guide, Windows, doors and other penetration openings shall be fitted with flexible air seals that comply with NZBC Acceptable Solution E2/AS1 Paragraph 9.1.6.

2.9.4 Specific Details

A range of details are available for access from the product website www.palliside.co.nz

These include:

2.9.4.1 Pipe Penetrations (Refer design detail DF20)

Ensure pipe penetrations are flashed correctly as shown in design detail. Pipe flanges and sealant should be applied where required to provide additional protection.

2.9.4.2 Boxed Timber Corners, Timber Facings and Planted Timber Sills (Refer design details DF32-DF35)

Details are available covering the installation of timber corners and facings and may help add additional character to the home.

Facings are screwed in place through the Palliside weatherboards, may be finished using moulded Palliside end plugs to suit the chosen profile or a traditional timber scribe. Once gaps have been fill/sealed, these can be painted either to match the Palliside or in a colour to suit.

2.9.4.3 Meter-box Head Sill and Jamb (Refer design details DF13-15)

Ensure that the installation of the meter-box is carried out in accordance with the appropriate details as shown in these design details.

2.9.4.4 Non-Standard Corners and Customised Flashings (Refer design detail DF25).

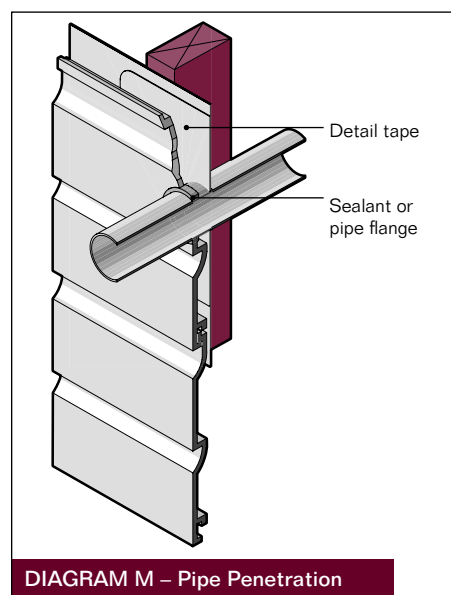
This detail covers the custom flashing of non-standard corners.

2.9.4.5 Palliside to Brick Veneer Junction Details (Refer design details DF25-30)

When installing Palliside weatherboards in combination with brick veneer a range of junction details (Internal Corner, External Corner, Brick Sill, Inter-storey and Vertical Join) are available. These details provide a suggestive means of flashing between these claddings. Other methods may be adopted providing that they demonstrate sound weathertightness principles. If in doubt speak with the designer, consult your local BCA or phone Dynex Extrusions Limited for guidance.

2.9.4.6 Palliside Installed Above Joinery Between Brick (Refer design detail DC31)


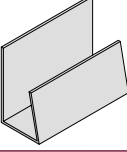
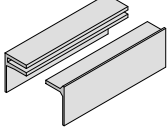
This detail sets out the method of installing Palliside weatherboard above joinery between brick veneer.



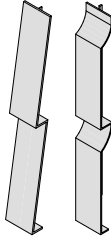
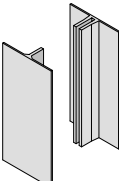
3.0

COMPONENT SELECTION GUIDE


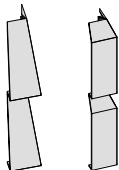
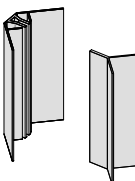
STARTING TRIMS refer paragraph 2.1

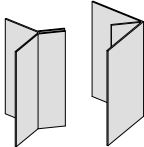
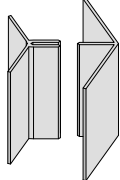
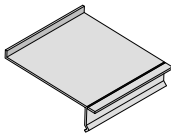
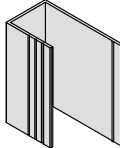
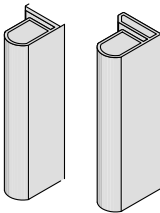
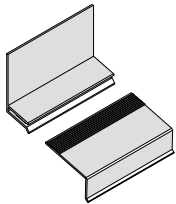
Item	Item Code	Length	Description	Installation of base piece	Installation of Cap Piece	Comments & references
Starter strip MVSWHT3.6		3.6m	Required when installing a full board at the base of the application. Not required to be colour matched due to it being a non-visual base accessory.	Prior to Installation of weatherboard	n/a	Diagram A Paragraph 2.2.1
One-Part Channel Trim Insert Colour MVCH__3.6		3.6m	Also referred to, as 'J' mould is available in colours to match selected Pallside weatherboard.	Prior to Installation of weatherboard	n/a	Paragraph 2.2.3
2-Part Channel Trim Insert Colour MV2CH__3.6		3.6m	2-Part Channel trim is available in colours to match selected Pallside weatherboard.	Prior to Installation of weatherboard	After weatherboard has been installed	Paragraph 2.2.4 and 2.7.1

JOINTING OPTIONS refer paragraph 2.4

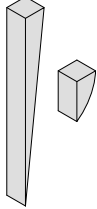
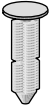
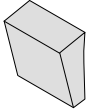

Moulded Flat Soaker Insert Colour MVSF__ Rusticated OR Traditional Insert Colour MVSFTRAD__		per unit	Moulded flat soakers come in double profile and are available in a colour and shape to match the weatherboards. One side of the soaker is adhered using solvent cement.	n/a	During or after weatherboard has been installed	Diagram C.1 Paragraph 2.4.1 Soakers can be joined between stud providing they are staggered
2-Part Jointer Insert Colour MVJ__2.7 Base and Cap		2.7m	Vertical joints on stud can be made using the two-part jointer that is available in colours to match selected Pallside weatherboard.	Prior to Installation of weatherboard	After weatherboard has been installed	Diagram C.2 Paragraph 2.4.2 Base must be fixed on stud (End plugs required)

CORNER OPTIONS refer paragraph 2.3

External 90° Corner Soaker Option MVCB2.7 (Base)		2.7m	The Corner Soaker Base can only be used in conjunction with the Corner Soakers and is not required to be colour matched due to it being a non-visual base accessory.	Prior to Installation of weatherboard	n/a	Diagram B.1 Paragraph 2.3.1
Insert Colour MVSC__ Rusticated OR Traditional Insert Colour MVSCTRAD__		per unit	Moulded corner soakers come in double profile and are available in a colour and shape to match the weatherboards.	n/a	During installation of weatherboard to 2nd wall	Diagram B.1 Paragraph 2.3.1
Boxed 90° Internal Corner MVIBWHT3 (Base) Insert Colour MVIC__3 (Cap)		3.0m	This option provides a boxed corner finish for 90° internal corners. Only the Male cap piece is required to be colour matched as the base piece is non-visual.	Prior to Installation of weatherboard	After weatherboard has been installed	Diagram B.2 Paragraph 2.3.2 (End plugs required)

Item	Item Code	Length	Description	Installation of base piece	Installation of Cap Piece	Comments & references
Boxed 90° External Corner Insert Colour MVIE__3.6 (Female and Male)		3.6m	This option provides a boxed corner finish for 90° external corners. Each unit comprising a female base piece and a male cap piece, both matching the selected Pallside colour	Prior to Installation of weatherboard	After weatherboard has been installed	Diagram B.2 Paragraph 2.3.3 (End plugs required)
2-Part Boxed 135° Corner Insert Colour MV135__2.7 Reversible to suit both external and internal option		2.7m	The 135° corner can be used for either internal or external corners by reversing the base section, as is commonly required around bay windows, and is available to match the selected Pallside colour.	Prior to Installation of weatherboard	After weatherboard has been installed	Diagram B.2 Paragraph 2.3.3 (End plugs required)
WINDOW FLASHINGS refer paragraph 2.6						
Sill Tray MVWST__3.6		3.6m	The sill tray is required to be installed with a minimum 5° slope and is available in the matching Pallside colours.	Once the weatherboard has been installed to the base of opening	n/a	Diagram F Paragraph 2.6.1 Direct Fix Only
Window Jamb Flashing Base MVWJFB3.6		3.6m	The base of the vertical jamb flashing is fixed in place either side of openings prior to the installation of joinery and weatherboards. The jamb flashing is not required to be colour matched due to it being a non-visual base accessory. This flashing is compatible for both Pallside profiles.	After sill tray has been installed and prior to insertion of joinery	n/a	Diagram F Paragraph 2.6.2
Window Scribe Cap Insert Colour MVWSCR__3.6 Rusticated OR Traditional Insert Colour MVWSCR TRAD__3.6		3.6m	The scribe cap is inserted into the jamb flashing base and available to match the selected Pallside colour. There is a different cap required to match each profile thickness and Pallside end plugs are still required to complete the installation.	n/a	After weatherboard windows and head flashing have been installed	Diagram K Paragraph 2.8.1
2-Part PVC Head Flashing Insert Colour MV2Z__3.6B (Base) Insert Colour MV2Z__3.6C (Cap) MV2ZAL__3.6 (Aluminum cap)		3.6m	The Pallside 2-Part head flashing is designed to improve the ease of installation of the weatherboard above joinery and is available in matching Pallside colours. If preferred an aluminium cap piece can be purchased and used with the PVC base piece (and powder coated to the match the joinery colour)	Prior to the installation of the weatherboard above the inserted joinery	Once the weatherboard above the opening has been installed and the scribe caps have been inserted in place	Diagrams H.1 H.2 and K Paragraph 2.6.5 and 2.8.1.2

FINISHING TRIMS refer paragraph 2.8

Item	Item Code	Length	Description	Installation of base piece	Installation of Cap Piece	Comments & references
Moulded End Plugs Insert Colour MVEP__ Rusticated OR Traditional Insert Colour MVEPTRAD__		Per Unit	Pallside end plugs are available in both rusticated and traditional profiles to match selected Pallside colours.	n/a	Insert in to profile gaps with solvent cement after weatherboard joinery and all vertical trim caps have been installed	Diagram K Paragraph 2.8.1
Fastfix Fastener Insert Colour PSF12__		50 Per Pack	Pallside fastfix fasteners are mainly used to hold a cut weatherboard above the head flashing in place and come in colours to match selected Pallside weatherboard.	n/a	Once weatherboard above joinery has been fixed in place.	Paragraph 2.6.6.3
Foam Soffit Mould Insert Colour FMBC8__3.6		3.6m	Pallside foam soffit mould is a 40mm x 18mm cornice moulding which can be used as a horizontal finish at soffit line. This trim is available to match the chosen Pallside colour.	n/a	Once top weatherboard has been installed	Diagram J Paragraph 2.7.1
Solvent Cement Insert Colour MCS__		180gm Tube	Available in matching Pallside colours to cement in place end plugs and flat soakers			Paragraph 2.9.2
Pallside Nails PSIDENAILS		5kg Box	Pallside 40 x 2.5mm Nail			
Sealant Insert Colour MSMSS__		375ml Canister	Available in matching Pallside colours for finishing around head flashing and other areas requiring attention to detail			Paragraph 2.9.2

Notes

Contact Details

For further information visit the website www.palliside.co.nz or alternatively contact:

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