A2/A1 ADCUITECTUDAL DDAMINICO INIDEV

JSC VERTICLAD Vertical Shiplap Weatherboards

ISSUE: 25/08/2023 | VERSION: 2.3

GENERAL NOTES

OVERVIEW:

JSC VertiClad is a cavity based external wall cladding system comprising of:

- Timber weatherboards finished with high quality exterior grade coatings H3.2 treated timber castellated cavity battens
- Fascia boards and moulding profiles

This documentation covers the fixing instructions for the installation of JSC vertical shiplap weatherboards over JSC-U 20mm thick castellated cavity

The information in this document has been specifically grouped in 2 different layouts to help Architects, Designers & Builders on site.

1. A3/A1 ARCHITECTURAL DRAWINGS:

Similar details are grouped in A1/A3 format that make it easier to import into the project plan.

2. A4 SITE DRAWINGS

Same information is made available on a A4 page at a larger scale for builders making it easier to read and distribute the drawings on site.

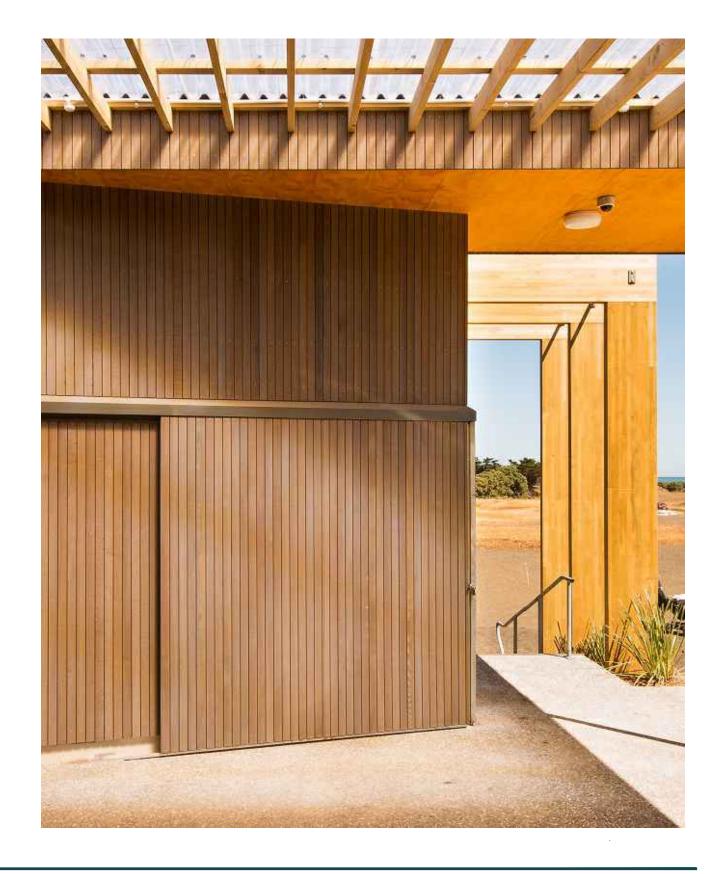
SCOPE OF USE

- This document is for use exclusively within the scope of JSC VertiClad Vertical Shiplap Weatherboard Cladding System technical documentation and Code Compliance CodeMark certificate
- · Details are subject to change without notification and only the current version is compliant.
- Refer to <u>www.jsctimber.co.nz</u> at the time of use for the current
- The designer/specifier must be satisfied that these details are applicable for their intended use.

FIXING SPECIFICATION

SPECIES	FIXINGS MATERIAL			
Western Red Cedar	316 Stainless Steel or Silicon Bronze annular grooved nails			
Alaskan Yellow Cedar	316 Stainless Steel or Silicon Bronze annular grooved nails			
Iroko	316 Stainless Steel or Silicon Bronze annular grooved nails			
Radiata Pine	316 Stainless Steel or Silicon Bronze annular grooved nails			
JSC-TMT® Thermally Modified Timber				
TMT TAIGA (RW/WW)	AIGA (RW/WW) 316 Stainless Steel annular grooved nails			
TMT TAXON	316 Stainless Steel annular grooved nails			
TMT TUSCAN	SCAN 316 Stainless Steel annular grooved nails			

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EMAIL: WEBSITE:

Phone:

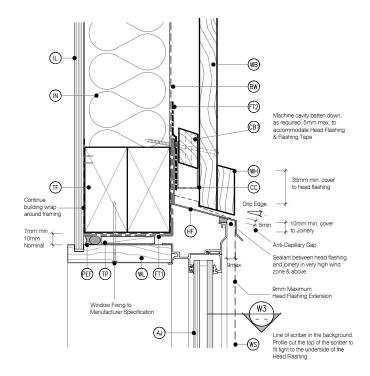
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VERTICAL SHIPLAP WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

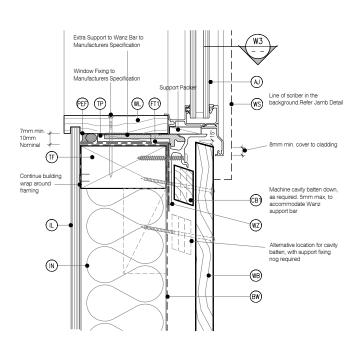
COVER SHEET VERTICAL SHIPLAP WB CLADDING

AWING SCALE	ISSUE DATE	
ГS	25/08/2023	



WINDOW HEAD - Vertical Shiplap WB VS10 Cavity Fix - Aluminium Joinery - Double Glazing

SCALE 1:2 @ A1, 1:4 @ A3



(F) -(PEF) **₽** -(WL) (CB2) -(FT) (B)-(BW) Profile cut the top of the scriber to fit tight to the (HF) underside of the Head

NOTE: No Scriber Option: The Aluminum Jonery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S Compressible bond breaker foam seal between.

WINDOW JAMB - Vertical Shiplap WB VS12

Cavity Fix - Aluminium Joinery - Double Glazing SCALE 1:2 @ A1, 1:4 @ A3

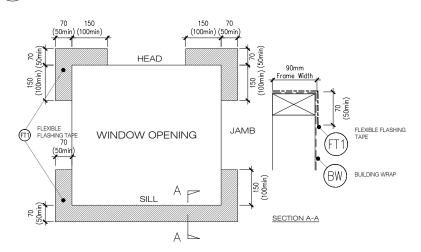
LEGEND:

- ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10
- BUILDING WBAP: Flexible Wall Underlay. As per NZBC E2/AS1 - Table 23, In extra high wind zones Rigid Underlay required (9.1.7.2 E2/AS1)
- CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.
- CAVITY BATTEN NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm min. drip edge to cladding FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1
- FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd laver of Building Wrap, taped joint to top of timber frame
- HEAD ELASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1
- INTERNAL LINING: Selected Internal Lining
- (IN)INSULATION: Selected Insulation
- PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)
- TIMBER FRAME: H1.2 min treated timber framing
- TIMBER PACKER: Tan H3.2 Treated Packer

- WEATHER BOARD: Selected JSC Vertical Shiplap
- WINDOW LINER: As Specified
- WEATHER BOARD: JSC Vertical Shiplap Weatherboard
- WEATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- WINDOW SCRIBER: Sealant to back of scriber and $75 \times 3.15 \text{mm}$ 316 Stainless Steel nail in 3mm predrilled hole.
- WANZ SUPPORT: Provide window support as required by joinery manufacturer
- Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.
- Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.
- For windows and doors, head flashing stop ends must be in place.
- 10. Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.

(BW) Building Wrap (Allow top lap into opening BUILDING WRAP DRESSED INTO THE FRAMED OPENING WITH FLEXIBLE FLASHING TAPE LAPPED OVER AND TURNED DOWN OVER BUILDING WRAP 70mm One piece sill flashing tape, to building wrap

TYPICAL WINDOW OPENING (FLASHING TAPE) SCALE : N.T.S



FLEXIBLE BUILDING WRAP AT OPENING VS13 SCALE : 1 / 5 @ A1, 1 / 10 @ A3

HEAD ELASHING PC Aluminium under flashing with 3mm upturns at ends (Only to be used when a full length flashing will not work) TO BE CONFIRMED ON SITE Powder coated aluminium head flashing wit \bigoplus minimum 15 degree fall and optional hemredges as per table 7 E2/AS1 Head flashing turned up to form stop

ONE PIECE PC ALUMINIUM HEAD FLASHING 15° SLOPE WITH 10mm min COVER TO JOINERY EXTEND 30mm min EITHER SIDE OF JOINERY WITH STOP ENDS

TYPICAL HEAD & FLASHING JOINT SCALE : 1 / 2 @ A1, 1 / 4 @ A3

GENERAL NOTES:

- JSC VertiClad System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by
- Weatherboards must be dry and free of any contamination.
- Board lengths must be optimised prior to the installation to avoid any unnecessary wastage and joints.
- Any loose, bark encased knots, or other timber defects need to be removed.
- Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification
- Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and the cut end should be coated up to 75-150mm up from the bottom edge.

WINDOW SILL - Vertical Shiplap WB Cavity Fix - Aluminium Joinery - Double Glazing

> EMAIL: TECHHELP@JSCTIMBER.CO.NZ WEBSITE:

Phone:

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VERTICAL SHIPLAP WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY NAME

WINDOW DETAILS - Aluminium Joinery TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

DRAWING SCALE ISSUE DATE 1:2 @ A1 25/08/2023 1.4 @ A3 DRAWING NUMBER VERSION JSC 20CF VS15

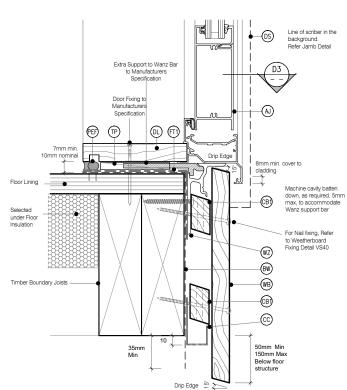
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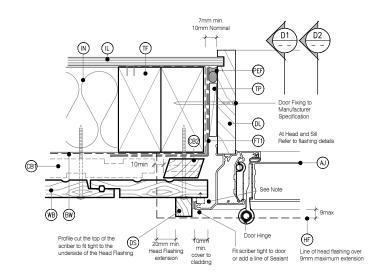
CMNZ30084

DOOR HEAD - Vertical Shiplap WB VS20

Cavity Fix - Aluminium Joinery - Double Glazing



DOOR SILL - Vertical Shiplap WB Cavity Fix - Aluminium Joinery - Double Glazing



NOTE: No Scriber Option:
The Aluminium Joiney must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S.
Compressible bond breaker from seal between

DOOR JAMB - Vertical Shiplap WB

Cavity Fix - Aluminium Joinery - Double Glazing

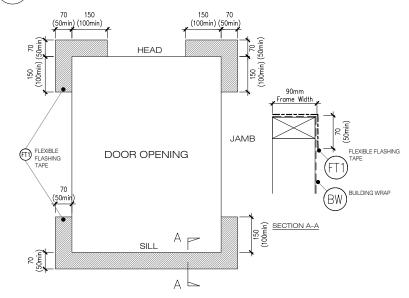
LEGEND:

- ALUMINIUM JOINERY: Selected double glazed
- aluminium joinery. To E2/AS1 9.1.10
 BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones Rigid Underlay required (9.1.7.2 E2/AS1)
- CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated
- and 18° beveiled edges.

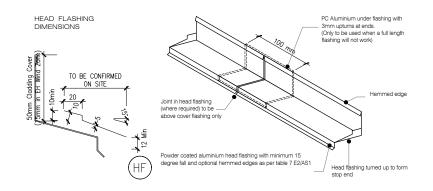
 CAVITY BATTEN NON STRUCTURAL: Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding DOOR SCRIBER: Sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm
- FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only Refer to Fig. 72 of NZBC E2/AS1
- FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame
- HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1
- INTERNAL LINING: Selected Internal Lining INSUI ATION: Selected Insulation
- PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)
- TIMBER FRAME: H1.2 min treated timber framing
- TIMBER PACKER: Tan H3.2 Treated Packer
- (WB) WEATHER BOARD: Selected JSC Vertical Shiplap
- DOOR LINER: As Specified
- WEATHER BOARD: JSC Vertical Shiplap Weatherboard
- WEATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- WANZ SUPPORT: Provide window support as required by joinery manufacturer

Bw Building wrap (Allow top lap into opening) BUILDING WRAP DRESSED INTO THE FRAMED ODENING WITH THE FRAMED OPENING WITH FLEXIBLE FLASHING TAPE LAPPED OVER AND TURNED DOWN OVER BUILDING WRAF One piece sill flashing tape to building

. DOOR OPENING (FLASHING TAPE) SCALE : N.T.S



FLEXIBLE BUILDING WRAP AT OPENING VS23 SCALE: 1 / 5 @ A1. 1 / 10 @ A3



ONE PIECE PC ALUMINIUM HEAD FLASHING 15° SLOPE WITH 10mm minimum COVER TO JOINERY EXTEND 30mm min EITHER SIDE OF JOINERY WITH STOP ENDS

TYPICAL HEAD & FLASHING JOINT SCALE : 1 / 2 @ A1, 1 / 4 @ A3

GENERAL NOTES:

- JSC VertiClad System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by
- 2. Weatherboards must be dry and free of any contamination.
- Board lengths must be optimised prior to the installation to avoid any unnecessary wastage and joints.
- Any loose, bark encased knots, or other timber defects need to be removed.
- Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer
- Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and the cut end should be coated up to 75-150mm up from the bottom edge.
- Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.
- Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity
- For windows and doors, head flashing stop ends must be in place.
- 10. Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.

PREMIUM ARCHITECTURAL & BUILDING SOLUTIONS

EMAIL: WEBSITE:

Phone:

TECHHELP@JSCTIMBER.CO.NZ WWW.JSCTIMBER.CO.NZ 09 412 2812 (Technical)



VERTICAL SHIPLAP WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

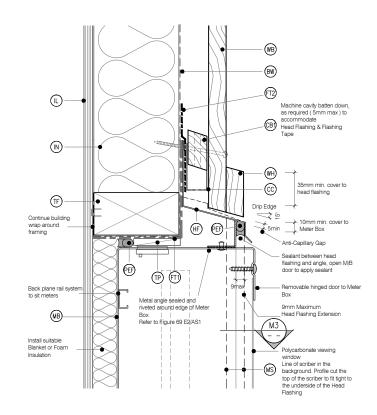
NAME

DOOR DETAILS - Aluminimum Joinery

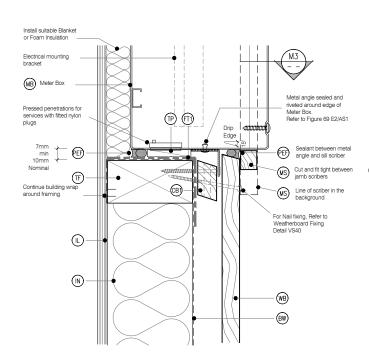
TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

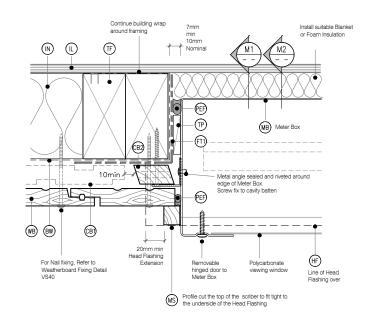
DRAWING SCALE ISSUE DATE 1:2 @ A1 25/08/2023 1.4 @ A3

DRAWING NUMBER VERSION JSC 20CF VS25 2.3



METER BOX HEAD VS30 Cavity Fix - Vertical Shiplap WB SCALE 1:2 @ A1, 1:4 @ A3





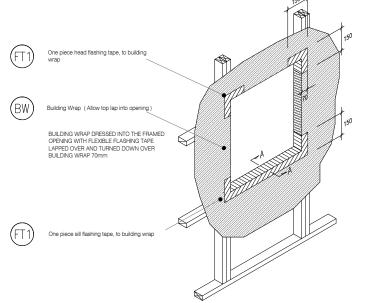
METER BOX JAMB VS32 Cavity Fix - Vertical Shiplap WB

LEGEND:

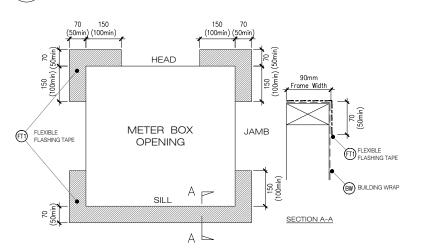
- BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones. Rigid Underlay required (9.1.7.2 E2/AS1)
- CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated
- CAVITY BATTEN NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding
- FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1
- FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd laver of Building Wrap, taped joint to top of timber frame
- HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1
- INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)
- METER BOX: Electrical meter box, with removable hinged door and polycarbonate viewing window
- METER BOX SCRIBER: Sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm
- TIMBER FRAME: H1.2 min treated timber framing
- (TP) TIMBER PACKER: Tan H3.2 Treated Packer
- WEATHER BOARD: Selected JSC Vertical Shiplap (WB)
- WINDOW LINER: As Specified
- WEATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber

GENERAL NOTES:

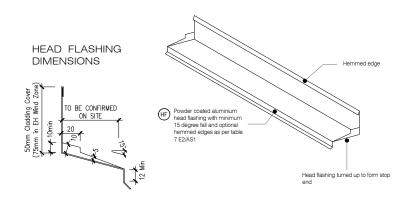
- JSC VertiClad System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by
- Weatherboards must be dry and free of any contamination.
- Board lengths must be optimised prior to the installation to avoid any unnecessary wastage and joints.
- Any loose, bark encased knots, or other timber defects need to be removed.
- Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification
- Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and the cut end should be coated up to 75-150mm up from the bottom edge.
- Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.
- Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity
- For windows and doors, head flashing stop ends must be in place.
- 10. Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.



TYPICAL METER BOX OPENING (FLASHING TAPE) VS33 SCALE : N.T.S



FLEXIBLE BUILDING WRAP AT OPENING SCALE : 1 / 5 @ A1, 1 / 10 @ A3



ONE PIECE PC ALUMINIUM HEAD FLASHING 15° SLOPE WITH 10mm min COVER TO JOINERY EXTEND 30mm min EITHER SIDE OF JOINERY WITH STOP ENDS

TYPICAL HEAD & FLASHING JOINT SCALE : 1 / 2 @ A1, 1 / 4 @ A3



EMAIL: TECHHELP@JSCTIMBER.CO.NZ WEBSITE:

Phone:

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VERTICAL SHIPLAP WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME

METER BOX DETAILS

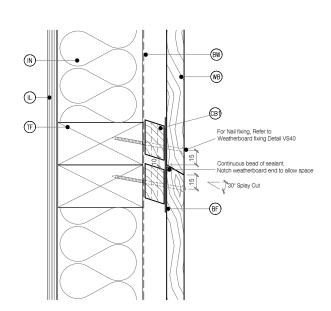
TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

DRAWING SCALE ISSUE DATE 1:2 @ A1 25/08/2023 1.4 @ A3

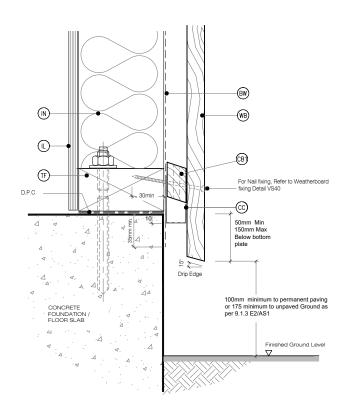
DRAWING NUMBER VERSION JSC 20CF VS35 2.3







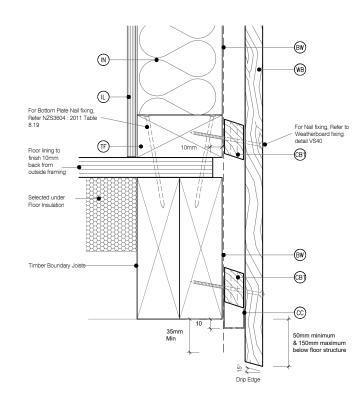




C3 BASE OF WALL, CONCRETE

Cavity Fix - Vertical Shiplap WB

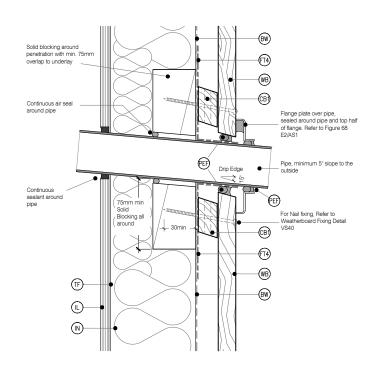
SCALE 1:2 @ A1, 1:4 @ A3



C4 BASE OF WALL, TIMBER

VS43 Cavity Fix - Vertical Shiplap WB

SCALE 1:2 @ A1, 1:4 @ A3



C5 PIPE PENETRATION

Cavity Fix - Vertical Shiplap WB

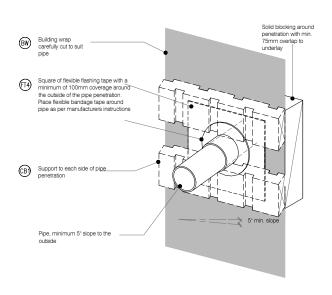
SCALE 1:2 @ A1, 1:4 @ A3

LEGEND:

- BACK FLASHING: Minimum 100mm
 Polypropylene or PVC rear flashing to provide
 50mm cover past the scarf joint on each side
- BUILDING WRAP: Flexible Wall Underlay, as per NZBC E2/AS1 Table 23. In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)
- (CB) CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.
- CC CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding
- FT4 FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC EZ/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by EZ/AS1
- (IL) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- TF TIMBER FRAME: H1.2 min treated timber framing
- WB WEATHERBOARD: Selected JSC Vertical Shiplap Weatherboard

GENERAL NOTES:

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- Weatherboards must be dry and free of any contamination.
- Board lengths must be optimised prior to the installation to avoid any unnecessary wastage and joints.
- Any loose, bark encased knots, or other timber defects need to be removed.
- Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification.
- Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and the cut end should be coated up to 75-150mm up from the bottom edge.
- Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.
- Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.
- For windows and doors, head flashing stop ends must be in place.
- Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.



C6 VS45

3D PIPE PENETRATION

Cavity Fix - Vertical Shiplap WB

Cavity Fix - Vertical Shiplap W scale: N.T.S

EMAIL: WEBSI

TECHHELP@JSCTIMBER.CO.NZ WWW.JSCTIMBER.CO.NZ 09 412 2812 (Technical)



TYPE
VERTICAL SHIPLAP WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME
GENERAL DETAILS 01

DRAWING SCALE	ISSUE	DATE	
1:2 @ A1 1:4 @ A3	25/08	25/08/2023	
DRAWING NUMBER		VERSION	

JSC 20CF VS46

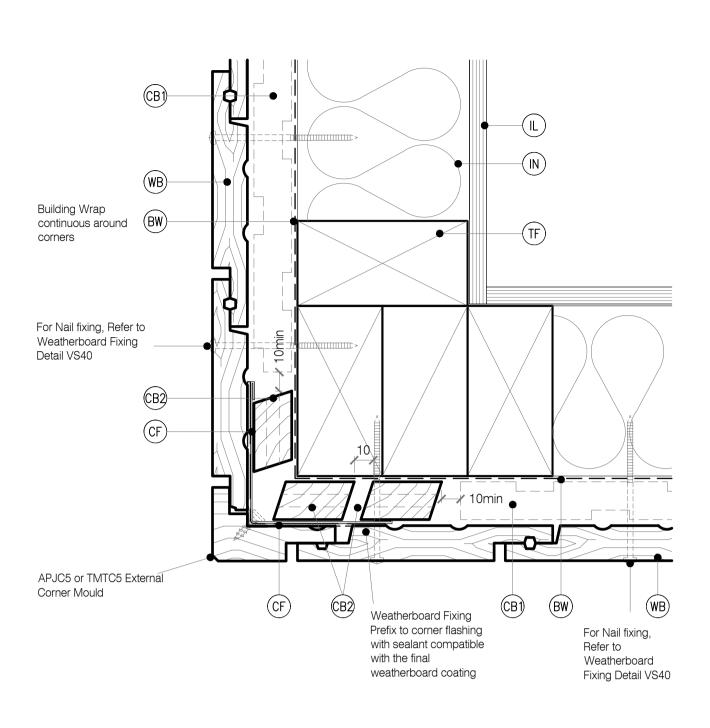
2.3

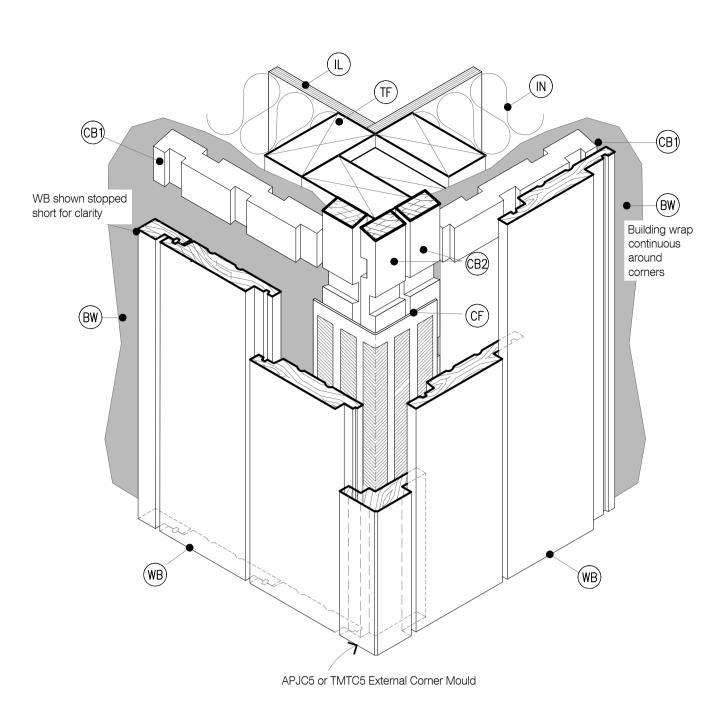
PREMIUM ARCHITECTURAL & BUILDING SOLUTIONS

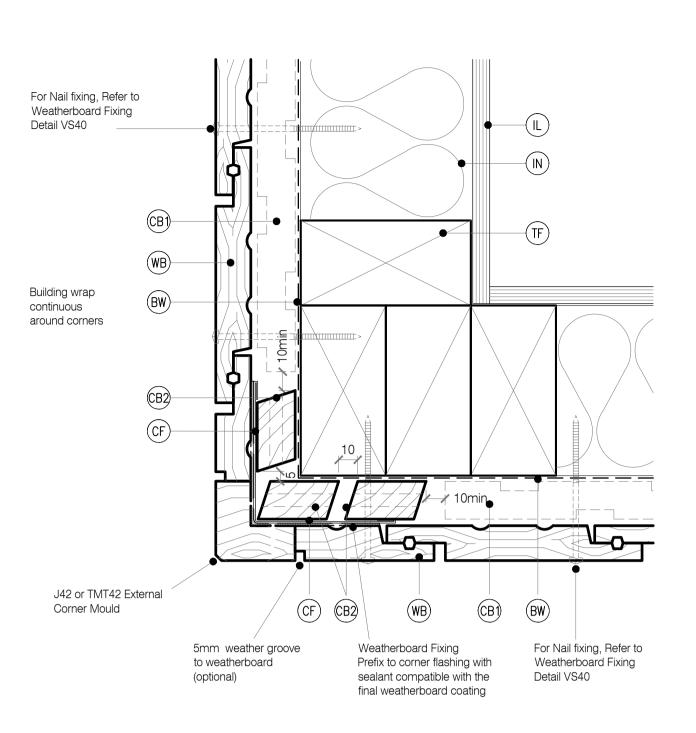
WEBSITE: Phone:

GENERAL DETAILS 01

• TO BE READ IN CONJUNCTION WITH COMPLETE USC VERTICLAD SYSTEM LITERATURE
• DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE







EXTERNAL CORNER - J40 Cavity Fix - Vertical Shiplap WB

SCALE 1:2 @ A1, 1:4 @ A3

WB shown stopped

short for clarity

BW

Building wrap

continuous around corners

Prefix to corner flashing with wood screws

and with an adhesive sealant compatible

with your final coating system

EXTERNAL CORNER - APJC5 Cavity Fix - Vertical Shiplap WB

3D EXTERNAL CORNER - APJC5

Cavity Fix - Vertical Shiplap WB SCALE : N.T.S

EXTERNAL CORNER J42 Cavity Fix - Vertical Shiplap WB SCALE 1:2 @ A1, 1:4 @ A3

LEGEND:

BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)

SCALE 1:2 @ A1, 1:4 @ A3

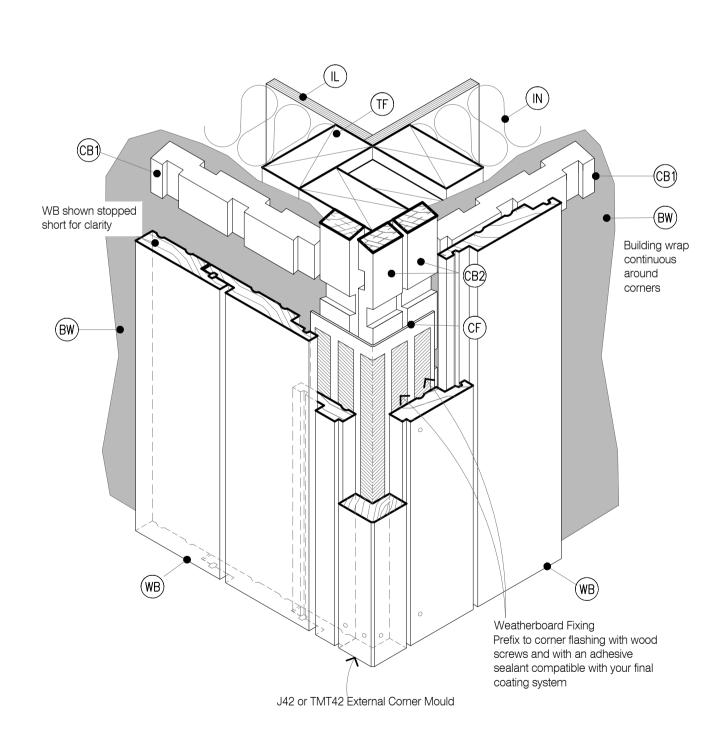
CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 Section 4.3 "Acceptable flashing materials" Minimum Flashing Size (mm) as per NZBC E2/AS1 Section 4.5.1:

FLASHING TYPE L,M,H & VH EH Wind Wind Zones Zones 50X50 75X75 Hemmed 100×100 75x75 Unhemmed

- PEF ROD BACKING: Foam backing rod with sealant to perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)
- CAVITY BATTEN NON STRUCTURAL Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.
- CAVITY BATTEN NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- INSULATION: Selected Insulation
- TIMBER FRAME: H1.2 min treated timber framing
- INTERNAL LINING: Selected Internal Lining
- WEATHERBOARD: Selected JSC Vertical Shiplap Weatherboard

GENERAL NOTES:

- 1. JSC VertiClad System must be installed by a 4. Any loose, bark encased knots, or other suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed 5. Building Practitioner (LBP) or supervised by
- 2. Weatherboards must be dry and free of any contamination.
- Board lengths must be optimised prior to the installation to avoid any unnecessary wastage and joints.
- timber defects need to be removed.
- Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification.
- 6. Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and the cut end should be coated up to 75-150mm up from the bottom edge.
- Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.
- Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.
- 9. For windows and doors, head flashing stop ends must be in place.
- 10. Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.



3D EXTERNAL CORNER - J40

J40 or TMT40 External Corner Mould

Cavity Fix - Vertical Shiplap WB

VERTICAL SHIPLAP WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

GENERAL DETAILS 02

1:2 @ A1 1:4 @ A3 DRAWING NUMBER

DRAWING SCALE

C15 3D EXTERNAL CORNER - J42

Cavity Fix - Vertical Shiplap WB

VERSION JSC 20CF VS56

ISSUE DATE

25/08/2023

JSC PREMIUM ARCHITECTURAL & BUILDING SOLUTIONS

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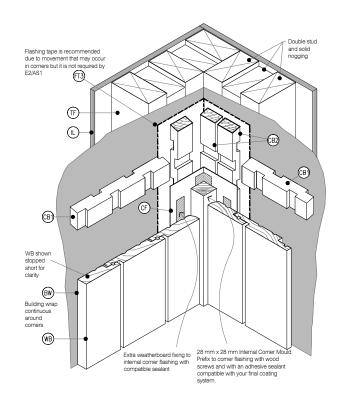
TECHHELP@JSCTIMBER.CO.NZ WWW.JSCTIMBER.CO.NZ 09 412 2812 (Technical)



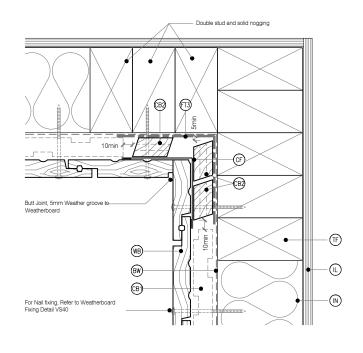
DETAIL NOTES

1. Flashing tape is recommended due to novement that may occur in corners but it is not equired by E2/AS1 2. Aluminium extrusion must not be continuous

C16 INTERNAL CORNER - J44 VS60 / Cavity Fix - Vertical Shiplap WB SCALE 1:2 @ A1, 1:4 @ A3



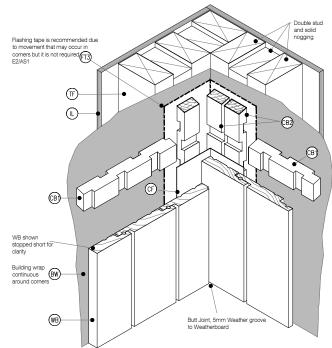
3D INTERNAL CORNER - J44 Cavity Fix - Vertical Shiplap WB SCALE : N.T.S



DETAIL NOTES

 Flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1

C18 INTERNAL CORNER Cavity Fix - Vertical Shiplap WB VS62 / SCALE 1:2 @ A1, 1:4 @ A3



C19 3D INTERNAL CORNER VS63 Cavity Fix - Vertical Shiplap WB SCALE : N.T.S

LEGEND:

- BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)
 - CAVITY BATTEN NON STRUCTURAL Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.
 - CAVITY BATTEN NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 Section 4.3 "Acceptable flashing materials" Minimum Flashing Size (mm) as per NZBC E2/AS1

Section 4.5.1: FLASHING TYPE L,M,H & VH EH Wind Wind Zones Zones Hemmed 50X50 75X75

- WEATHERBOARD: Selected JSC Vertical Shiplap Weatherboard
- FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11
 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1
- INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- TIMBER FRAME: H1.2 min treated timber framing

GENERAL NOTES:

- suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed 5. Building Practitioner (LBP) or supervised by
- Weatherboards must be dry and free of any contamination.
- Board lengths must be optimised prior to the installation to avoid any unnecessary wastage
- JSC VertiClad System must be installed by a 4. Any loose, bark encased knots, or other timber defects need to be removed.
 - Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification.
 - Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and the cut end should be coated up to 75-150mm up from the bottom edge.
- Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.
- Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.
- For windows and doors, head flashing stop ends must be in place.
- 10. Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.



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VERTICAL SHIPLAP WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME

GENERAL DETAILS 03

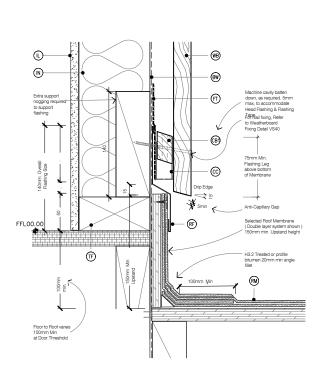
TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

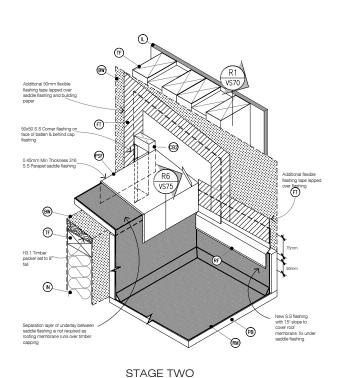
DRAWING SCALE ISSUE DATE 1:2 @ A1 25/08/2023 1:4 @ A3

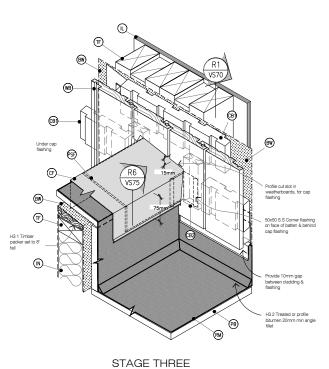
DRAWING NUMBER VERSION JSC 20CF VS66 2.3

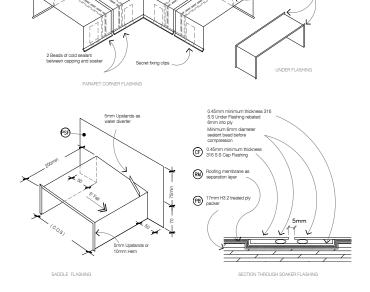
DECK OR ROOF MEMBRANE PARAPET SADDLE FLASHING

Cavity Fix - Vertical Shiplap WB SCALE 1:5 @ A1, 1:10 @ A3









(CF)

TYPICAL PARAPET CAPPING JOINT DETAILS

Cavity Fix - Vertical Shiplap WB SCALE 1:5 @ A1, 1:10 @ A3

LEGEND

BUILDING WRAP: Flexible Wall Underlay. As per BUILDING WHAP: Hexible wall Underlay, AS Policy NZBC E2/AS1 - Table 23, in extra high wind zones Rigid Underlay required (9.1.7.2 E2/AS1)

CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.

CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding

CAP FLASHING: Continuous parapet flashing. Materials as per E2/AS1 4.3 + Figure 9 & Table 7

FLASHING TAPE: As per E2/AS1 4.3.11

INTERNAL LINING: Selected Internal Lining

INSULATION: Selected Insulation

PARAPET SADDLE EL ASHING: Materials as per E2/AS1 4.0, refer E2/AS1 Figure 11 & 12 . Typically 0.45mm Min 316 Stainless Steel. Refer Table 20 & Table 21 for Comparability of Materials in Contact

PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate

ROOFING MEMBRANE: Selected System on 17mm CCA treated H3.2 grade plywood glued and screwed to Rafters. Roof Membrane requires 400mm solid block support each way & solid support to all sheet edges

TIMBER FRAME: H1.2 min treated timber framing

WEATHERBOARD: Selected JSC Vertical Shiplap (WB) Weatherboard

GENERAL NOTES:

JSC VertiClad System must be installed by a 4. suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed 5. Building Practitioner (LBP) or supervised by

2. Weatherboards must be dry and free of any

3. Board lengths must be optimised prior to the installation to avoid any unnecessary wastage and joints.

Any loose, bark encased knots, or other

Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification.

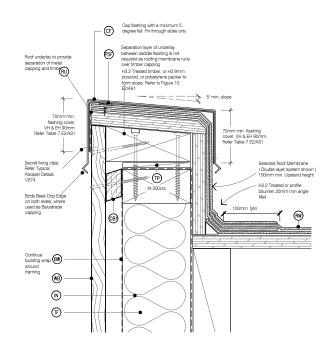
Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and the cut end should be coated up to 75-150mm up from the bottom edge.

Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.

Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.

For windows and doors, head flashing stop ends must be in place.

10. Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.



PARAPET SECTION TO MEMBRANE ROOF Cavity Fix - Vertical Shiplap WB

BASE OF WALL, MEMBRANE ROOF

Cavity Fix - Vertical Shiplap WB SCALE 1:2.5 @ A1, 1:5 @ A3



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CodeMark CMNZ30084

VERTICAL SHIPLAP WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME

GENERAL DETAILS 04

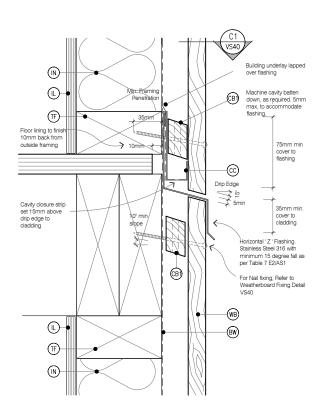
TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

DRAWING SCALE 1:2.5 @ A1 1:5 @ A3

ISSUE DATE 25/08/2023

DRAWING NUMBER VERSION JSC 20CF VS76 2.3

VS81



DRAINED INTER-STOREY JOINT Cavity Fix - Vertical Shiplap WB VS80 SCALE 1:2 @ A1. 1:4 @ A3

Machine cavity batten down, as required. 5mm max, to accommodate Head Flashing & Flashing Tape Detail VS40 —(CB) -00 RU (N) (TF)-

AF MR (RU) Sized as per NZS 3604

MR RU . Nogging to contain (BW) Lining (TF)-Up & Under Soffit Lining. Staple fix to extra support nogging (BW) vent gap. Not required by 52/AS1 ® (BW)

SOFFIT DETAIL AT WALL VS82 / Cavity Fix - Vertical Shiplap WB SCALE 1:2 @ A1. 1:4 @ A3

EAVE FLASHING Materials as per E2/AS1 4.0, Coating to match roofing (MR) Turned Down Edge to Profiled Metal Roofing RU Selected Gutter to Falls (SL)

> SOFFIT DETAIL AT FASCIA VS83 / Cavity Fix - Vertical Shiplap WB SCALE 1:2 @ A1. 1:4 @ A3

CAVITY CLOSURE: Cavity closure strip, positioned (SL) SOFFIT LINING: JSC Soffit Lining

> TIMBER FRAME: H1.2 min treated timber framing TIMBER PACKER: Cant Strip, H3.2 Treated at

300crs to allow ventilation over the top of the wall. BOOFING UNDERLAY: Selected Boofing Underlay As Per AS/AZS4200 with Mesh or Self Supported

WEATHERBOARD: Selected JSC Vertical Shiplap

LEGEND:

APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L,M & H > 10°) All others 200mm Refer Table 7 E2/AS1

BUILDING WRAP: Flexible Wall Underlay, As per BUILDING WRAP: Hexible Wall Underlay, Applied NZBC E2/AS1 - Table 23, in extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)

CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

to give a 15mm Min drip edge to cladding (IL) INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

HEAD SOFFIT SCRIBER: JSC 27 mm x 40 mm Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole

METAL ROOFING : Selected Metal Roofing

continuously around the bottom of the cavity. Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.

Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.

GENERAL NOTES:

- JSC VertiClad System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by
- Board lengths must be optimised prior to the installation to avoid any unnecessary wastage and joints.
- Any loose, bark encased knots, or other
- Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer
- Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and the cut end should be coated up to 75-150mm up from the bottom edge.



SCALE 1:2 @ A1, 1:4 @ A3

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VERTICAL SHIPLAP WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME

GENERAL DETAILS 05 TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE 1:2 @ A1 1:4 @ A3

Cap flashing with a minimum 5° degree fall. Fix through sides only.

Roof underlay to provide separation of metal capping and timber

H3 2 Treated timber or H3 9mm

slope. Refer to Figure 10 E2/AS1

(P)

BALUSTARDE CAPPING

Cavity Fix - Vertical Shiplap WB

OR PARAPET DETAIL

SCALE 1:2 @ A1. 1:4 @ A3

(B)

— (BW) Continue building wrap around framing

' (B) '

Flashing Cover VH & EH 90mm Refer Table 7 E2/AS

(WB)

(TF)-

ISSUE DATE 25/08/2023

DRAWING NUMBER VERSION JSC 20CF VS86 2.3

DRAWING SCALE

APRON FLASHING

ROOF TO WALL JUNCTION

Cavity Fix - Vertical Shiplap WB