ISSUE: 25/08/2023 | VERSION: 2.3

# JSC Board & Batten Weatherboards

Flexible Underlay 20mm Cavity Fix

## **GENERAL NOTES**

## **OVERVIEW:**

JSC Board & Batten is a cavity based external wall cladding system

- Timber weatherboards finished with high quality exterior grade coatings
- H3.2 treated timber castellated cavity battens
- Proprietary mouldings
- · Flashings and accessories

This documentation covers the fixing instructions for the installation of JSC Board & Batten weatherboards over JSC-U 20mm thick castellated cavity battens.

The information is this document has been specifically grouped in  $\ensuremath{\mathbf{2}}$ 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 board & batten Weatherboard Cladding System technical documentation and Code Compliance CodeMark certificate CMNZ30083.
- · Details are subject to change without notification and only the current
- Refer to www.jsctimber.co.nz 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 <sup>®</sup> Thermally	Modified Timber
TMT TAIGA (RW/WW)	316 Stainless Steel annular grooved nails
TMT TAXON	316 Stainless Steel annular grooved nails
TMT TUSCAN	316 Stainless Steel annular grooved nails

Sheet Number	Sheet Title
JSC 20CF BB00	COVER SHEET - JSC BOARD & BATTEN CLADDING
JSC 20CF BB15	WINDOW DETAILS - Aluminium Joinery
	BB10 - Window Head Detail - Aluminium Joinery
	BB11 - Window Sill Detail - Aluminium Joinery
	BB12 - Window Jamb Detail - Aluminium Joinery
	BB13 - Window Flashing Details - Aluminium Joinery
JSC 20CF BB25	DOOR DETAILS - Head, Sill & Jamb - Aluminium Joinery
	BB20 - Door Head Detail - Aluminium Joinery
	BB21 - Door Sill Detail - Aluminium Joinery
	BB22 - Door Jamb Detail - Aluminium Joinery
	BB23 - Door Flashing Detail - Aluminium Joinery
JSC 20CF BB35	METER BOX DETAILS - Head, Sill & Jamb
	BB30 - Meter Box Head Detail
	BB31 - Meter Box Sill Detail
	BB32 - Meter Box Jamb Detail
	BB33 - Meter Box Flashing Detail
JSC 20CF BB46	GENERAL DETAILS 01 - Weatherboard Fixing
	BB40 - Weatherboard Fixing Detail
	BB41 - Weatherboard Scarf Joint
	BB42 - Base of Wall, Timber
	BB43 - Base of Wall, Timber
	BB44 - Pipe Penetration
	BB45 - 3D- Pipe Penetration
JSC 20CF BB66	GENERAL DETAILS 02 - Corners
	BB60 - Internal Corner
	BB61 - 3D - Internal Corner
	BB62 - External Corner
	BB63 - 3D - External Corner
JSC 20CF BB76	GENERAL DETAILS 04 - Parapet Saddle Flashing
	BB70 - Base of Wall, Membrane Roof
	BB71 - Deck of Roof Membrane - Parapet Saddle Flashing - STAGE ONE
	BB72 - Deck of Roof Membrane - Parapet Saddle Flashing - STAGE TWO
	BB73 - Deck of Roof Membrane - Parapet Saddle Flashing - STAGE THREE
	BB74 - Typical Parapet - Capping Joint Details
	BB75 - Parapet Section to Membrane Roof
JSC 20CF BB86	GENERAL DETAILS 05
	BB80 - Drained Inter Storey Joint
	BB81 - Apron Flashing Roof To Wall Junction
	BB82 - Soffit Detail at Wall
	BB83 - Soffit Detail at Fascia
	BB84 - Parapet Detail

AC/A4 ADOLUTEOTUDAL DDAVAUNOC INDEV





EMAIL: WEBSITE: Phone:

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

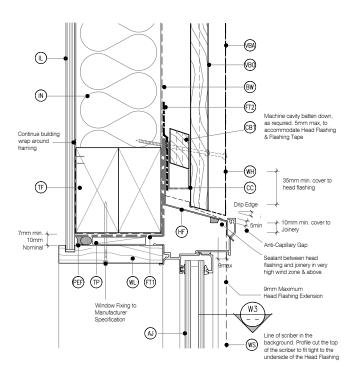


BOARD & BATTEN WB - 20MM CAVITY FIX

COVER SHEET - JSC BOARD & BATTEN CLADDING

DRAWING NUMBER JSC 20CF BB00

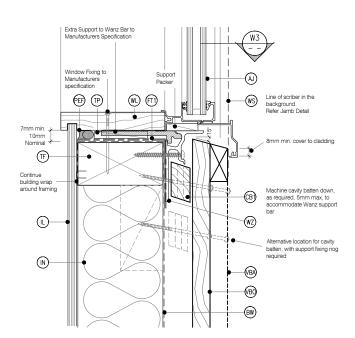
25/08/2023 VERSION 2.3



W1 WINDOW HEAD - Board & Batten System

Cavity Fix - Aluminium Joinery - Double Glazing

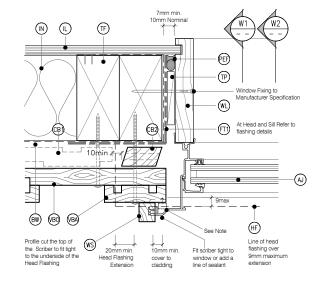
SCALE 1:2 © A1, 1:4 © A3



WINDOW SILL - Board & Batten System

Cavity Fix - Aluminium Joinery - Double Glazing

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



NOTE: No Scriber Option

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

The Aluminium Joinery 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

W3 WINDOW JAMB - Board & Batten System

BB12 Cavity Fix - Aluminium Joinery - Double Glazing

#### LEGEND:

- AJ ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10
  BUILDING WRAP: Flexible Wall Underlay, As per
- 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 )
- (B) CAVITY BATTEN NON STRUCTURAL: Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18" bevelled edges.
- (B2) 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.
- CC 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

G.E. NSEBard & Battle Ostysten Smust be installed

person. Where Restricted Building Work

by a suitably qualified and experienced trade

Building Practitioner (LBP) or supervised by

Weatherboards must be dry and free of any

Board lengths must be optimised prior the

installation to avoid any unnecessary wastage

(RBW) applied the installer shall be a Licensed 5.

- 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
- IL 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 )
- TF TIMBER FRAME: H1.2 min treated timber framing

Any loose or bark encased knots or other

grade premium coating on all 4 sides in

Where weatherboards have an exposed

be cut with a 15° drip edge and cut end

bottom edge, the back of the boards should

should be coated up to 75-150mm up from

accordance with coating manufacturer

specification.

the bottom edge.

Weatherboards must be coated with exterior

TP) TIMBER PACKER: Tan H3.2 Treated Packer

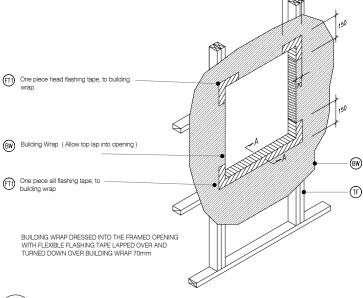
timber defects need to be removed.

- VBO VERTICAL BOARD: Selected JSC Board Profile
  - VERTICAL BATTEN: Selected JSC Batten Profi
- WH WEATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to

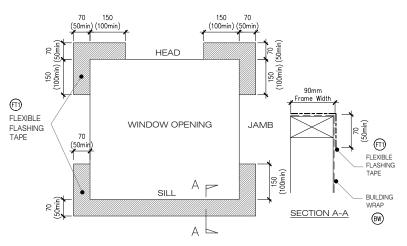
WINDOW LINER: As Specified

back of head scriber

- WINDOW SCRIBER: Sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.
- WZ 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.
- 9. 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.

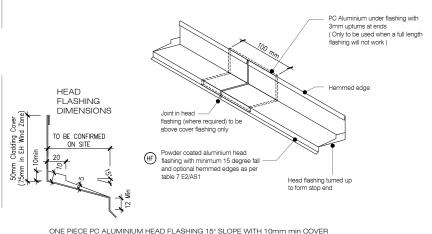


W4 TYPICAL WINDOW OPENING (FLASHING TAPE)



W5 FLEXIBLE BUILDING WRAP AT OPENING

BB13 SCALE: 1 / 5 @ A1, 1 / 10 @ A3



TO JOINERY EXTEND 30mm min EITHER SIDE OF JOINERY WITH STOP ENDS

W6 TYPICAL HEAD & FLASHING JOINT BB13 SCALE: 1 / 2 @ A1, 1 / 4 @ A3



EMAIL: WEBSITE: Phone: TECHHELP@JSCTIMBER.CO.NZ
WWW.JSCTIMBER.CO.NZ
09 412 2812 (Technical)



BOARD & BATTEN WB - 20MM CAVITY FIX

NAME
WINDOW DETAILS - Aluminium Joinery

WINDOW DETAILS - Aluminium Joine

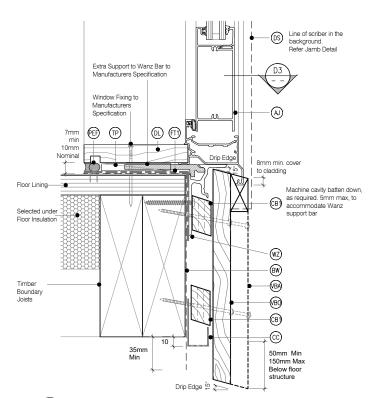
to be read in conjunction with complete usc board & batten system literature
betals may be subject change without notice

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

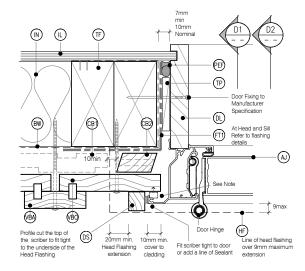
| ISSUE DATE | 25/08/2023

DRAWING NUMBER VERSION
JSC 20CF BB15 2.3

DOOR HEAD - Board & Batten System \ BB20 Cavity Fix - Aluminium Joinery - Double Glazing



DOOR SILL - Board & Batten System Cavity Fix - Aluminium Joinery - Double Glazing SCALE 1:2 @ A1, 1:4 @ A3



NOTE: No Scriber Option:

The Aluminium Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S Compressible bond breaker foam seal betwee

DOOR JAMB - Board & Batten System BB22

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

G.E. N.E.Bara & Battle Psystem must be installed

person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed 5.

by a suitably qualified and experienced trade

Building Practitioner (LBP) or supervised by

Weatherboards must be dry and free of any

Board lengths must be optimised prior the

installation to avoid any unnecessary wastage

DOOR LINER: As Specified

- DOOR SCRIBER: Sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.
- 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

Any loose or bark encased knots or other

grade premium coating on all 4 sides in

accordance with coating manufacturer

Where weatherboards have an exposed

be cut with a 15° drip edge and cut end

bottom edge, the back of the boards should

should be coated up to 75-150mm up from

Weatherboards must be coated with exterior

timber defects need to be removed.

- INTERNAL LINING: Selected Internal Lining
- INSULATION: Selected Insulation

specification.

the bottom edge.

- PEF ROD BACKING: Foam backing rod with
- TIMBER PACKER: Tan H3.2 Treated Packer
- (VBO) VERTICAL BOARD: Selected JSC Board Profile
- (VBA) 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
- sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)
- TIMBER FRAME: H1.2 min treated timber framing

- WEATHERHEAD: (OPTIONAL) Selected JSC
- 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.

SILL VERTICAL BATTEN: Selected JSC Batten Profile

(FT1) One piece head flashing tape to building

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

SCALE : N.T.S

BB23

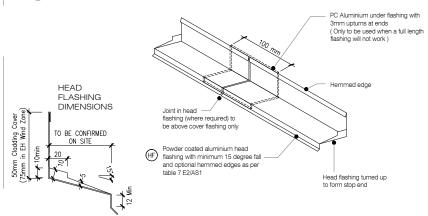
(FT) FLEXIBLE

FLASHING

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

HEAD

DOOR OPENING



TYPICAL DOOR OPENING (FLASHING TAPE)

JAMB

ONE PIECE PC ALUMINIUM HEAD ELASHING 15° SLOPE WITH 10mm minimum

TYPICAL HEAD & FLASHING JOINT SCALE : 1 / 2 @ A1, 1 / 4 @ A3 **◯** BB23

EMAIL: WEBSITE:

Phone:

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



**BOARD & BATTEN WB - 20MM CAVITY FIX** 

NAME

DOOR DETAILS - Aluminium Joinery

TO BE READ IN CONJUNCTION WITH COMPLETE JSC BOARD & BATTEN 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 BB25 2.3

- (BW)

 $\bigcirc$ 

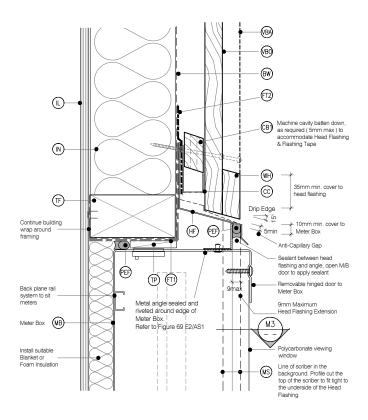
FI FXIBI F

BUILDING

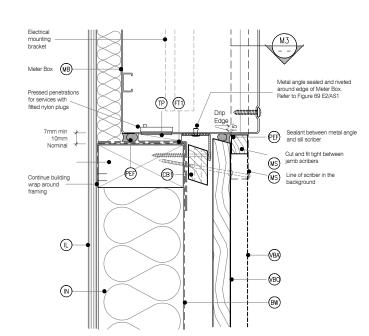
(BW)

SECTION A-A

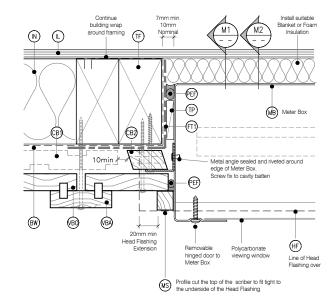




METER BOX HEAD BB30 Cavity Fix - Board & Batten System SCALE 1:2 @ A1, 1:4 @ A3



METER BOX SILL



METER BOX JAMB

Cavity Fix - Board & Batten System 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)
- 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 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

G.E. N.E.Bard & Battle P. S. T. Em Smust be installed

person. Where Restricted Building Work

by a suitably qualified and experienced trade

Building Practitioner (LBP) or supervised by

Weatherboards must be dry and free of any

Board lengths must be optimised prior the

installation to avoid any unnecessary wastage

contamination.

(RBW) applied the installer shall be a Licensed 5

- 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
- (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

Any loose or bark encased knots or other

grade premium coating on all 4 sides in

accordance with coating manufacturer

Where weatherboards have an exposed

be cut with a 15° drip edge and cut end

bottom edge, the back of the boards should

should be coated up to 75-150mm up from

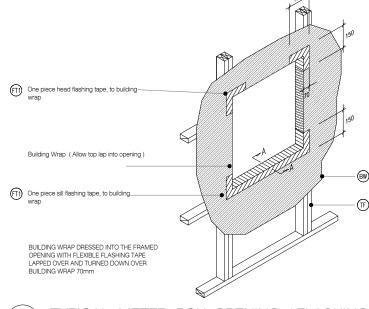
Weatherboards must be coated with exterior

timber defects need to be removed.

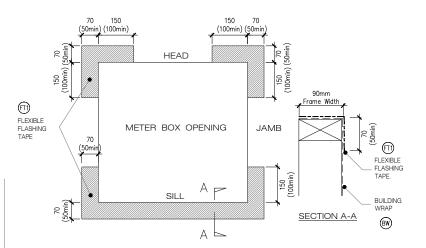
specification.

the bottom edge.

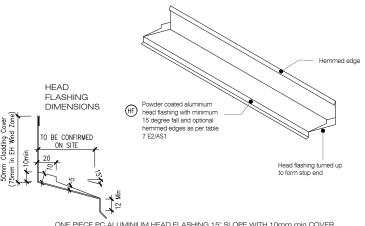
- (TP) TIMBER PACKER: Tan H3.2 Treated Packer
- (VBO) VERTICAL BOARD: Selected JSC Board Profile
- WEATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- METER BOX SCRIBER: Sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm (MS)predrilled hole.
- TIMBER FRAME: H1.2 min treated timber framing
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile
- WINDOW LINER: As Specified
- 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) BB33



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



TYPICAL HEAD & FLASHING JOINT M6\ BB33 SCALE : 1 / 2 @ A1, 1 / 4 @ A3

BB31

Cavity Fix - Board & Batten System SCALE 1:2 @ A1, 1:4 @ A3

EMAIL:

Phone:

TECHHELP@JSCTIMBER.CO.NZ



**BOARD & BATTEN WB - 20MM CAVITY FIX** 

NAME METER BOX DETAILS

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

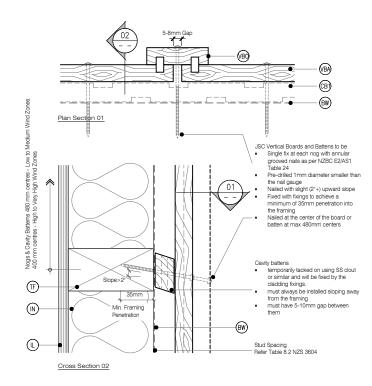
DRAWING SCALE ISSUE DATE 1:2 @ A1 1:4 @ A3

25/08/2023 VERSION

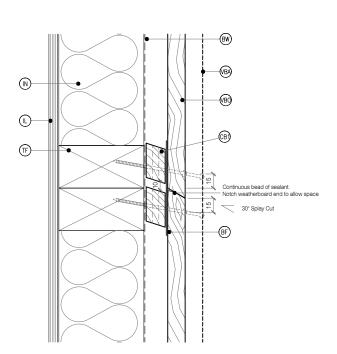
DRAWING NUMBER JSC 20CF BB35 2.3



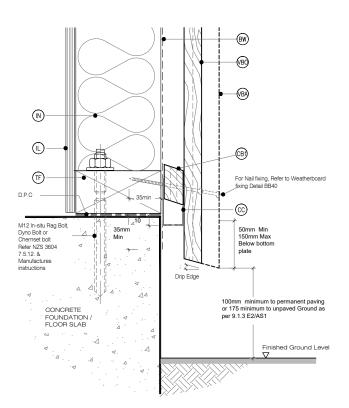
WEBSITE: WWW.JSCTIMBER.CO.NZ 09 412 2812 (Technical)



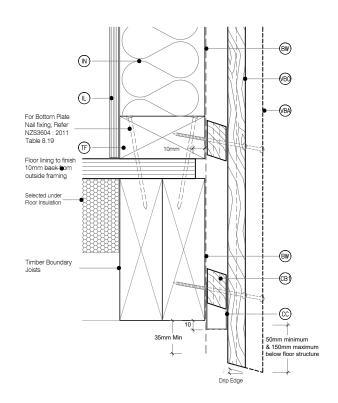
WEATHERBOARD FIXING BB40 Cavity Fix - Board & Batten System



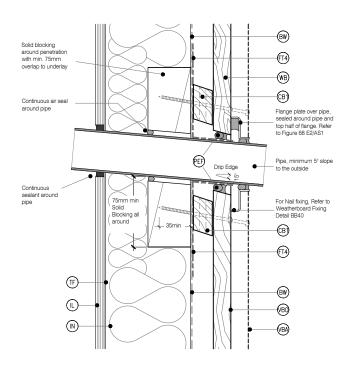
WEATHERBOARD SCARF JOINT BB41 Cavity Fix - Board & Batten System



BASE OF WALL, CONCRETE Cavity Fix - Board & Batten System



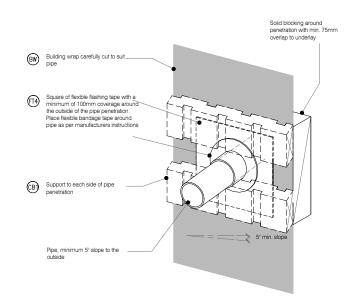
BASE OF WALL, TIMBER BB43 Cavity Fix - Board & Batten System SCALE 1:2 @ A1, 1:4 @ A3



C5\ PIPE PENETRATION Cavity Fix - Board & Batten System 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)
- CAVITY BATTEN NON STRUCTURAL Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated
- CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding
- 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
- VBO VERTICAL BOARD: Selected JSC Board Profile
- VBA) VERTICAL BATTEN: Selected JSC Batten Profile
- GENEBAA & BANEPSTSTERS must be installed Any loose or bark encased knots or other by a suitably qualified and experienced trade timber defects need to be removed. person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed 5. Weatherboards must be coated with exterior Building Practitioner (LBP) or supervised by
- Weatherboards must be dry and free of any contamination
- Board lengths must be optimised prior the installation to avoid any unnecessary wastage and joints.
- 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 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.



3D PIPE PENETRATION BB45 Cavity Fix - Board & Batten System

EMAIL: WEBSITE: Phone:

TECHHELP@JSCTIMBER.CO.NZ WWW.JSCTIMBER.CO.NZ



**BOARD & BATTEN WB - 20MM CAVITY FIX** 

NAME

**GENERAL DETAILS 01** 

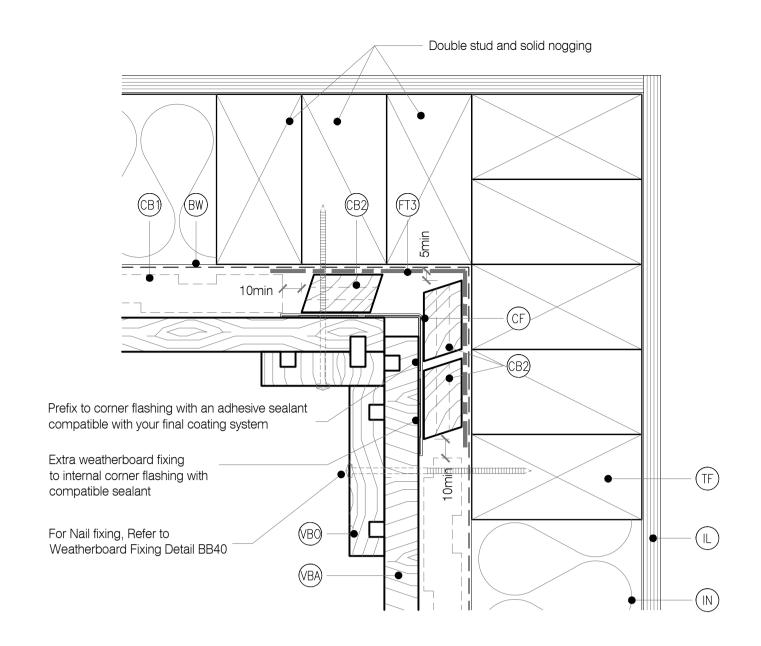
TO BE READ IN CONJUNCTION WITH COMPLETE JSC BOARD & BATTEN SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

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

DRAWING NUMBER VERSION JSC 20CF BB46 2.3



09 412 2812 (Technical)



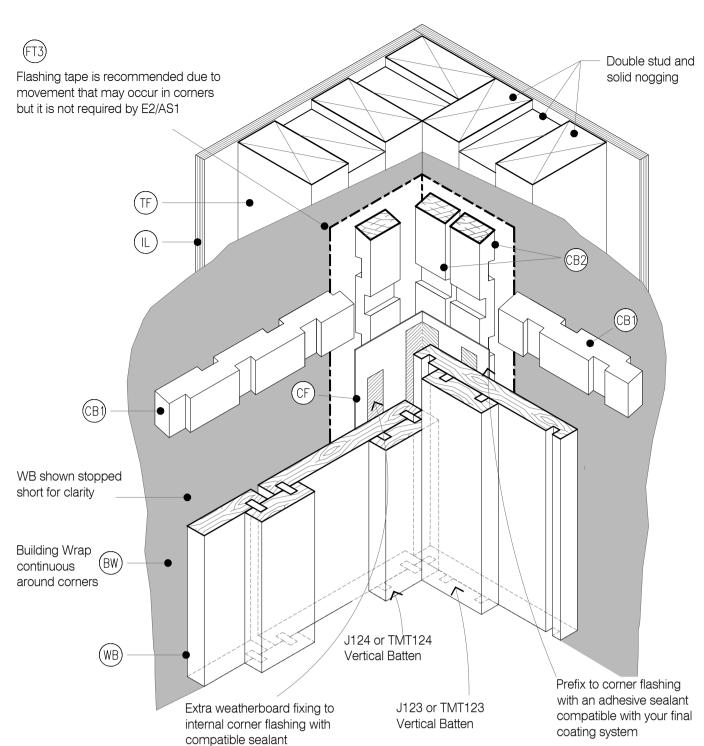
## DETAIL NOTES

1. Flashing tape is recommended due to movement that may occur in corners but it is continuous over solid floor joists. not required by E2/AS1

2. Aluminium extrusion must not be

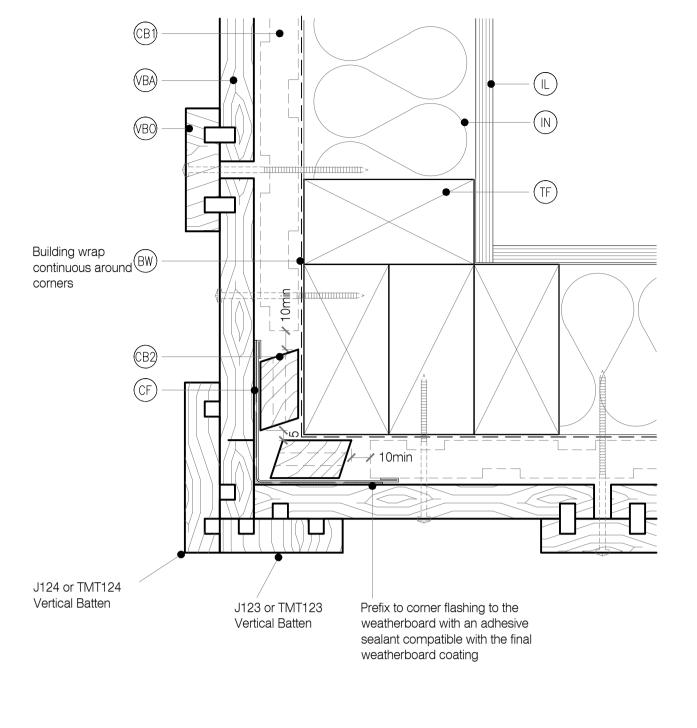
INTERNAL CORNER DETAIL Cavity Fix - Board & Batten System

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



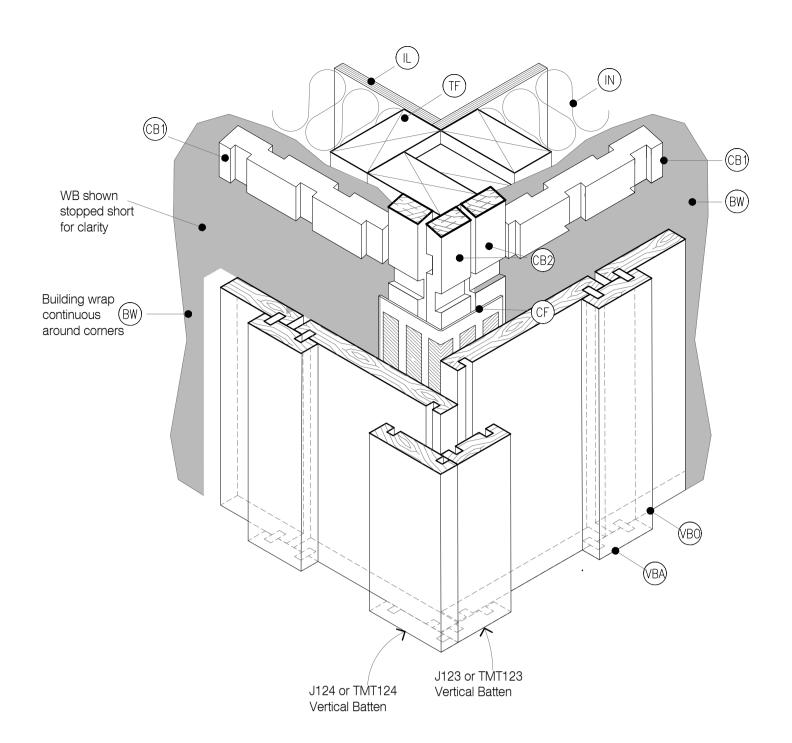
3D INTERNAL CORNER - J44

Cavity Fix - Board & Batten System



INTERNAL CORNER

Cavity Fix - Board & Batten System SCALE 1:2 @ A1, 1:4 @ A3



3D INTERNAL CORNER

Cavity Fix - Board & Batten System 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)

SCALE : N.T.S

- 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 Unhemmed 75x75 100x100

- 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
- (N) INSULATION: Selected Insulation
- TIMBER FRAME: H1.2 min treated timber framing
- VBO) VERTICAL BOARD: Selected JSC Board Profile
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile

JSC PREMIUM ARCHITECTURAL & BUILDING SOLUTIONS

**EMAIL**: WEBSITE:

Phone:

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

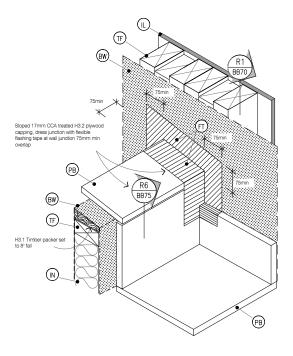


BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

GENERAL DETAILS 02 TO BE READ IN CONJUNCTION WITH COMPLETE JSC BOARD & BATTEN SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE **DRAWING SCALE ISSUE DATE** 25/08/2023 1:2 @ A1 1:4 @ A3

DRAWING NUMBER **VERSION** JSC 20CF BB66

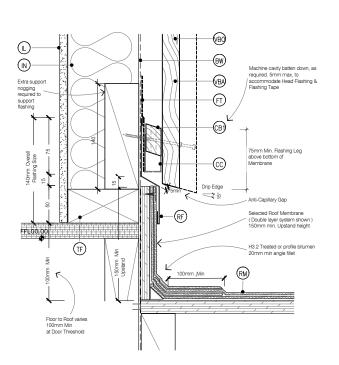


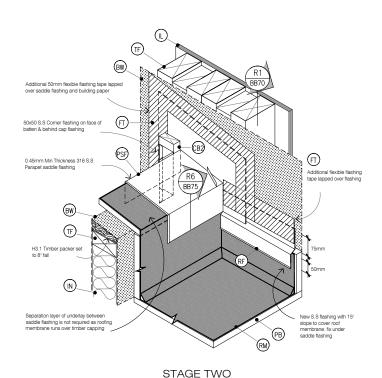


DECK OR ROOF MEMBRANE PARAPET SADDLE FLASHING

Cavity Fix - Board & Batten System SCALE 1:5 @ A1, 1:10 @ A3

BB71





(F) (BW) (WB) (B) (SF) CF) (BW) (TF). (RM) (PB) STAGE THREE

0.45mm minimum thickness 316 S.S Under Flashing rebated 6mm into ply CF 0.45mm minimum triic 316 S.S Cap Flashing RM Roofing membrane as separation layer PB 17mm H3.2 treated phy packer SECTION THROUGH SADDLE FLASHING SOAKER FLASHING

UNDER

FLASHING

BB74

(CF)

TYPICAL PARAPET CAPPING JOINT DETAILS

Cavity Fix - Board & Batten System SCALE 1:5 @ A1, 1:10 @ A3

PARAPET CORNER FLASHING

LEGEND:
BUILDING WRAP: Flexible Wall Underlay, As per 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.

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

GENERAL NOTES:
JSC Board & Batten System must be installed

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

Board lengths must be optimised prior the

installation to avoid any unnecessary wastage

contamination

by a suitably qualified and experienced trade

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 FLASHING: 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

Any loose or bark encased knots or other

grade premium coating on all 4 sides in

Where weatherboards have an exposed

bottom edge, the back of the boards should be cut with a 15° drip edge and cut end

should be coated up to 75-150mm up from

accordance with coating manufacturer

specification

the bottom edge.

Weatherboards must be coated with exterior

timber defects need to be removed.

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

VB0 VERTICAL BOARD: Selected JSC Board Profile

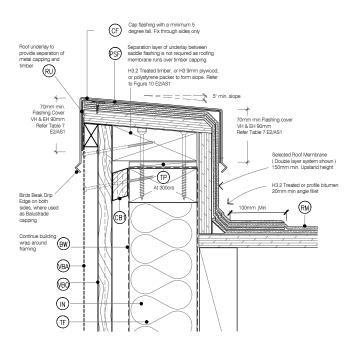
(VBA) VERTICAL BATTEN: Selected JSC Batten Profile

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.



BASE OF WALL, MEMBRANE ROOF

Cavity Fix - Board & Batten System

WEBSITE: Phone:

EMAIL:

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



TO MEMBRANE ROOF Cavity Fix - Board & Batten System

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

PARAPET SECTION

NAME **GENERAL DETAILS 03** 

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

BOARD & BATTEN WB - 20MM CAVITY FIX

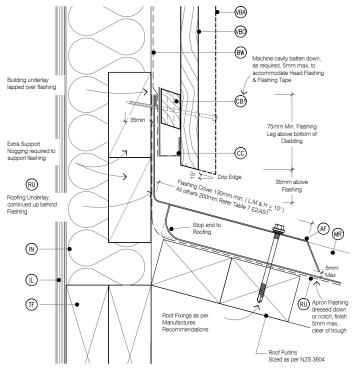
DRAWING SCALE ISSUE DATE 1:2.5 @ A1 25/08/2023 1:5 @ A3

DRAWING NUMBER VERSION JSC 20CF BB76 2.3



DRAINED INTER-STOREY JOINT

Cavity Fix - Board & Batten System SCALE 1:2 @ A1, 1:4 @ A3



(MR) RU ave Flashing. (Anti-Ponding Board) Cover 125mm MR Nogging to contain (BW) Roof Purlins Table 10.10 or 10.11 Ex100x50 H3.2 Soffit Bearers at 450CRS RU (TF) Fx100x50 H3.2 Soffit-(BW) (SL) (N) Selected Gutter to Falls - (HS) (SL) For Nail fixing. Refer to weatherboard fixing Detail BB40 (B) (VBA)

SOFFIT DETAIL AT WALL Cavity Fix - Board & Batten System SCALE 1:2 @ A1, 1:4 @ A3

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 >

BUILDING WRAP: Flexible Wall Underlay, As per

Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated

NZBC E2/AS1 - Table 23. In extra high wind zones. Ridgid Underlay required (9.1.7.2 E2/AS1)

10°) All others 200mm Refer Table 7 F2/AS1

CAVITY BATTEN - NON STRUCTURAL

and 18° bevelled edges.

LEGEND:

(CB1)

SOFFIT DETAIL AT FASCIA Cavity Fix - Board & Batten System SCALE 1:2 @ A1, 1:4 @ A3

(IL) INTERNAL LINING: Selected Internal Lining

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

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

METAL ROOFING: Selected Metal Roofing

(SL) SOFFIT LINING: JSC Soffit Lining

TIMBER FRAME: H1.2 min treated timber framing

(TP) TIMBER PACKER: Cant Strip, H3 2 Treated at ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported

(VBO) VERTICAL BOARD: Selected JSC Board Profile

WEATHERBOARD: Selected JSC Board & Batten Weatherboard

GIE NSEBRAAUL BANNEOSTSTENSmust be installed L back\_Board & BattenLbystemorhust be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensec Building Practitioner (LBP) or supervised by LBP.

Weatherboards must be dry and free of any contamination

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

Any loose or bark encased knots or other timber defects need to be removed.

grade premium coating on all 4 sides in accordance with coating manufacturer

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

APRON FLASHING ROOF TO WALL JUNCTION Cavity Fix - Board & Batten System SCALE 1:2 @ A1, 1:4 @ A3

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



**BOARD & BATTEN WB - 20MM CAVITY FIX** 

**GENERAL DETAILS 04** 

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

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

Cap flashing with a minimum 5 degree fall. Fix through

H3.2 Treated timber, or H3 9mm plywood, or polystyrene packer to form slope. Refer to Figure 10 E2/AS1

(CB)

-(VBA)

(B)

- (BW) Continue building wrap around framing

RU Roof underlay to provide separation of metal capping and timber

(P)

BALUSTARDE CAPPING

Cavity Fix - Board & Batten System

OR PARAPET DETAIL

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

(CB)

Birds Beak Drip Edge on bott

(VBA) (BO)

(N)

(F)

sides, where used as Balustrade capping

DRAWING NUMBER VERSION JSC 20CF BB86 2.3

ISSUE DATE

25/08/2023



EMAIL:

Phone:

WEBSITE:

NAME