For Nail fixing, Refer to Weatherboard Fixing Detail BB44

35mm min. cover to flashing

50mm strip of sealant at both ends of flashing

10mm min. cover to Joinery

Anti-Capillary Gap

5min

Sealant between head flashing and joinery in very high wind zone & above

9 max

5min

9mm Maximum Head Flashing Extension

Continue building wrap around framing

7mm min
10mm Nominal

Window Fixing to Manufacturer Specification

Line of scriber in the background. Profile cut the top of the scriber to fit tight to the underside of the Head Flashing

TYPE **Generation II** H3.2 Exterior Cladding Systems
Bevel Back Weatherboard - Direct Fix

NAME Window Head Detail - Aluminium Joinery

CodeMark™
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DRAWING SCALE	ISSUE DATE
1:2 @ A4	20/11/2018

DRAWING No	REVISION
KLC DF BB10	0

Window Fixing to Manufacturers Specification

Window Support Packer

(AJ)

(WS) Line of scriber in the background. Refer Jamb Detail

(PEF) (TP) (FT1) (WL)

10mm Minumin

8mm min. cover to cladding

35mm min. cover to flashing

(TF)

(SS)

(SF) Sill Flashing extends behind line of Aluminium Frame with 8mm min back upstand and sloping end dams as per Figure 72A E2/AS1

Continue building wrap around framing

5mm min. Unsealed Gap

(IL)

For Nail fixing, Refer to Weatherboard Fixing Detail BB44

(IN)

(BW)

(WB)

LEGEND:

PEF PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)

AJ ALUMINIUM JOINERY: Selected double glazed aluminium joinery

IL INTERNAL LINING: Selected Internal Lining

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

SF SILL FLASHING: Powder Coater Aluminium, extend behind sealant line of Aluminium Frame with 8mm min back upstand and sloping end dams as per Figure 72A E2/AS1

JB JAMB BATTENS: 20mm MicroPro H3.2. Batten stops short of sill flashing, Sill flashing runs under

FT1 FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1

FT2 FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap to taped joint or top of frame

TF TIMBER FRAME: H1.2 min treated timber framing

WB WEATHER BOARD: KLC Generation II, MicroPro H3.2 Bevel Back Weatherboard. Profile to NZS 3617

IN INSULATION: Selected Insulation

HF HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall and optional hemmed edges as per table 7 E2/AS1

TP TIMBER PACKER: MicroPro H3.2 Treated Packer

SS SILL SCRIBER: MicroPro H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scriber

WL WINDOW LINER: As Specified (We Recommend MicroPro H3.2 Liners & Sills)

WH WEATHERHEAD: MicroPro H3.2, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of head scriber

WS WINDOW SCRIBER: KLC Generation II, MicroPro H3.2 profile cut to fit weatherboard, sealant to back of scriber and 75 x 3.15mm Galvanised nail in 3mm predrilled hole. 40x18 or 65x18 depending on weatherboard size

7mm min / 10mm Nominal

20mm Jamb Battens MicroPro H3.2. Finish clear of sill flashing

Window Fixing to Manufacturer Specification

Line of sill flashing under

Profile cut the top of the scriber to fit tight to the underside of the Head Flashing

9max

9mm Maximum Head Flashing Extension

20mm min Head Flashing Extension

10mm min Cover to cladding

Line of head flashing over

MicoPro® Wood Treatment Technology

1. KLC use the MicroPro Micronized Copper Azole (MCA) based preservative system for their wood products. It accounts for 60% of wood treated in the US for domestic applications

2. Micronized Copper Azole (MCA) preservatives are EPA-approved for use in NZ and AUS to NZS3640:2003 and AS1604.12012

3. MicroPro preservative is applied using high-pressure and vacuum-pressure in the impregnation process in KLC's modern, automated treatment facility.

4. Cut End Treatment : All cut ends surfaces are to be double coated and sealed before fixing. With a alkyd (oil based) primer

5. MicroPro preservative solution has benefits of reduced corrosivity. Use Hot Dip Galvanised Fasteners & Stainless Steel fasteners. MicroPro may be placed in direct contact with Aluminium Building products in interior applications, and above ground exterior applications that provide proper water drainage

6. MicroPro® is the first wood treatment process to be EPP (Environmentally Preferable Product) certified by Scientific Certification Systems based on a life cycle assessment.

7. MicroPro® is environmentally sustainable, is low leaching, low VOC emissions and the award of the GREENGUARD Children and Schools' Certification from the Greenguard® Environmental Institute.

8. MicroPro® Wood Treatment Technology has received a Global GreenTag GreenRate™ Level A this declaration is 'Fit-for-Purpose' and confirmed for Green Building compliance.

9. MicroPro® Wood Treatment Technology has received GreenTag PhD™ proving claims that MicroPro® is safe for human health (and ecosystems).

KLC
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TYPE **Generation II** H3.2 Exterior Cladding Systems
Bevel Back Weatherboard - Direct Fix
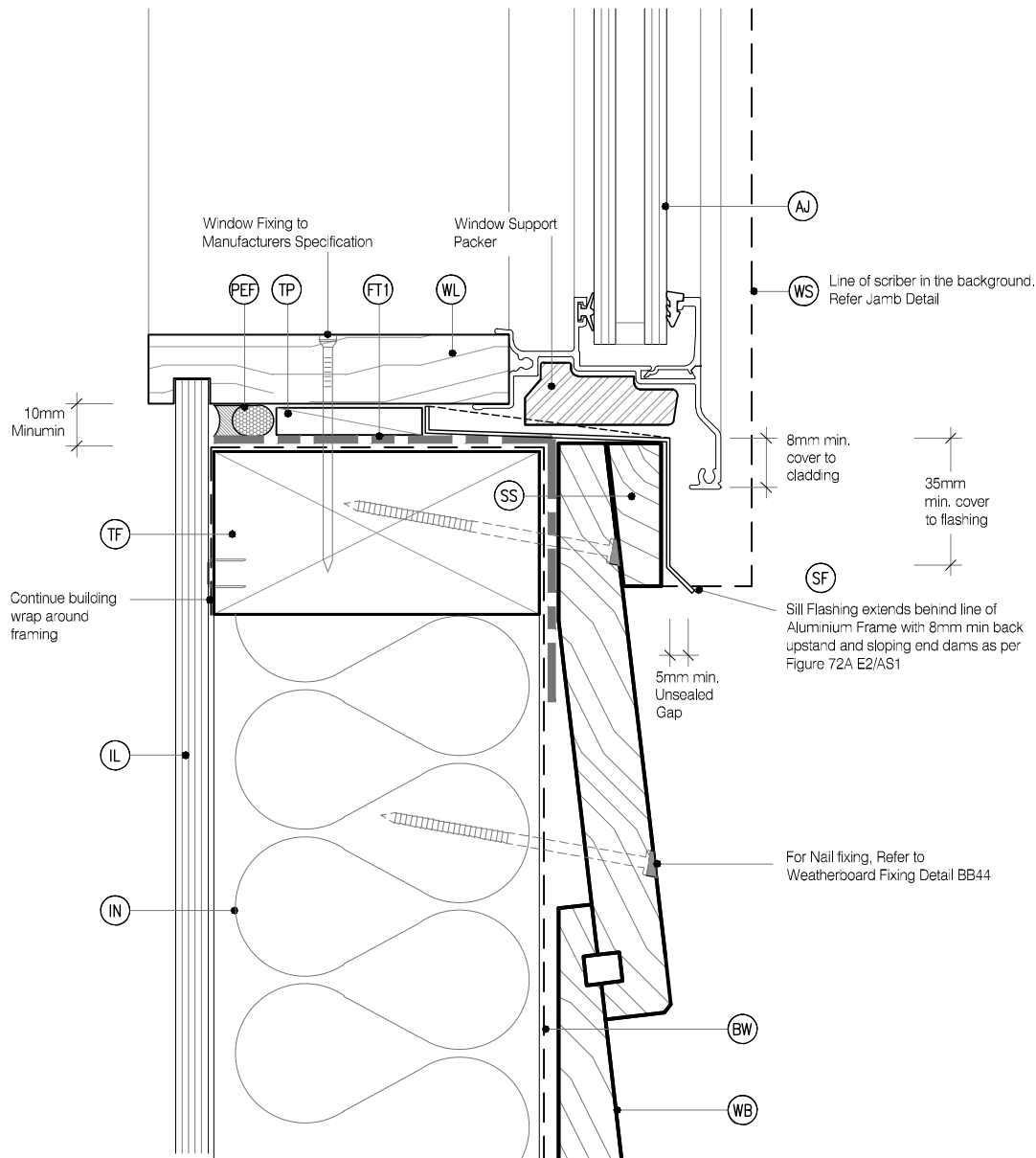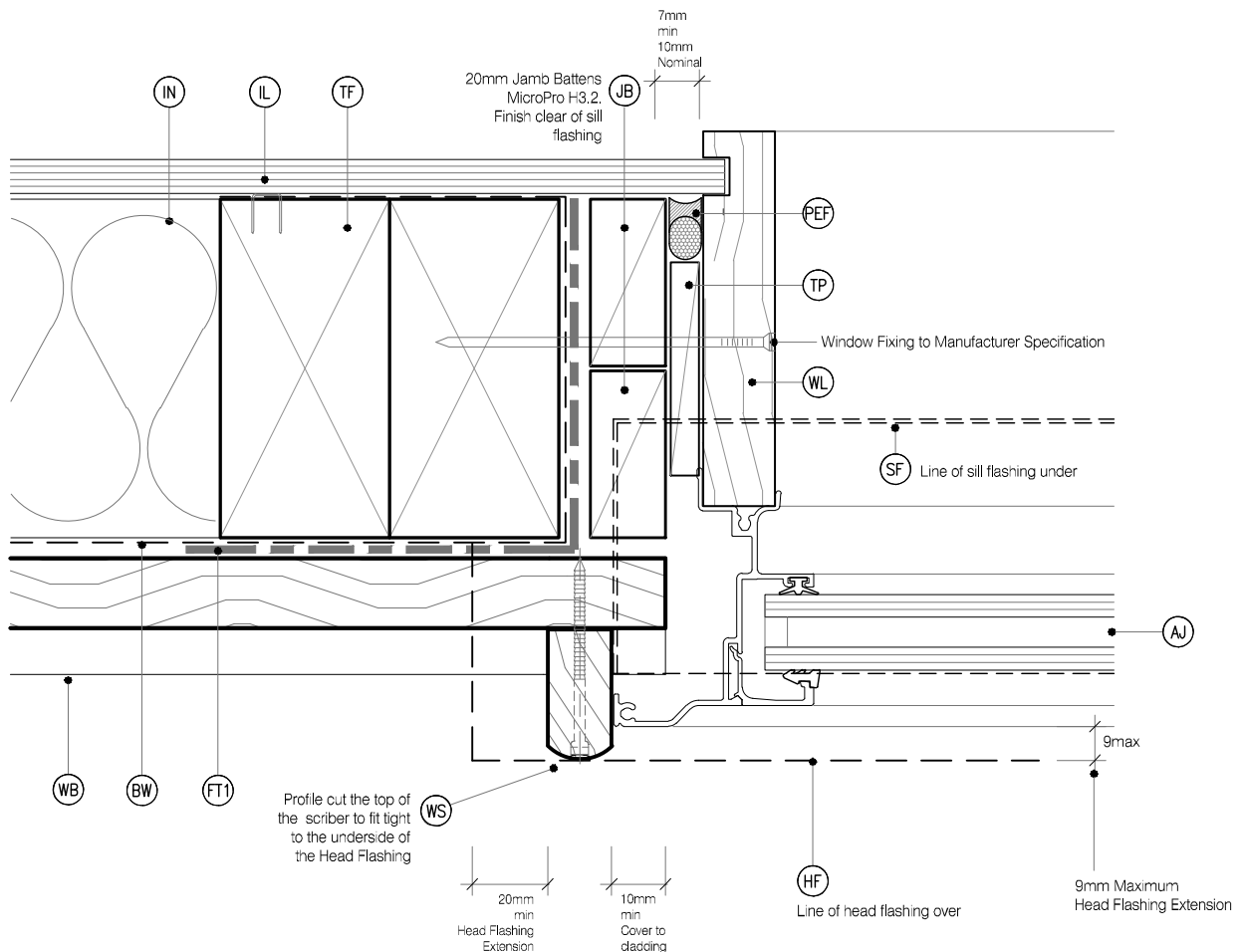
NAME **Window Jamb Detail - Aluminium Joinery**

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DRAWING SCALE	ISSUE DATE
1:2 @ A4	20/11/2018

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W4 — One piece head flashing tape, to building wrap

BW — Building Wrap (Allow top lap into opening)

FT1 — One piece sill flashing tape, to building wrap

BUILDING WRAP DRESSED INTO THE FRAMED OPENING WITH FLEXIBLE FLASHING TAPE LAPPED OVER AND TURNED DOWN OVER BUILDING WRAP 70mm

150 / 150 / 70 / 150
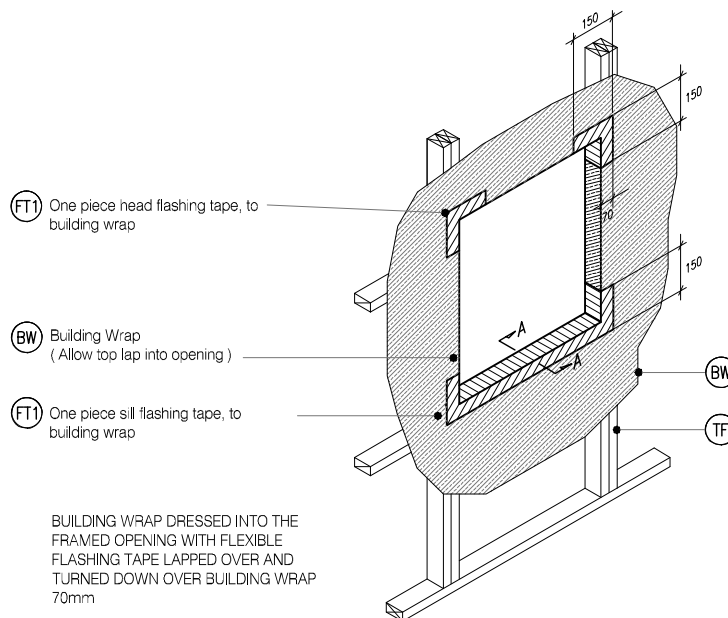
W4 | **TYPICAL WINDOW OPENING (FLASHING TAPE)**
BB13 | SCALE : N.T.S

HEAD

70 (50min) / 150 (100min) / 150 (100min) / 70 (50min)

70 (50min) / 150 (100min) — top corners

FT1 FLEXIBLE FLASHING TAPE

WINDOW OPENING   JAMB

70 (50min)

SILL

A — A

70 (50min) / 150 (100min)

90mm Frame Width

70 (50min)

FT1 FLEXIBLE FLASHING TAPE.

BUILDING WRAP

SECTION A-A   **BW**

W5 | **FLEXIBLE BUILDING WRAP AT OPENING**
BB13 | SCALE : 1 / 5 @ A1, 1 / 10 @ A3

MicoPro® Wood Treatment Technology

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3. MicroPro preservative is applied using high-pressure and vacuum-pressure in the impregnation process in KLC's modern, automated treatment facility.
4. Cut End Treatment : All cut ends surfaces are to be double coated and sealed before fixing. With a alkyd (oil based) primer
5. MicroPro preservative solution has benefits of reduced corrosivity. Use Hot Dip Galvanised Fasteners & Stainless Steel fasteners. MicroPro may be placed in direct contact with Aluminium Building products in interior applications, and above ground exterior applications that provide proper water drainage
6. MicroPro® is the first wood treatment process to be EPP (Environmentally Preferable Product) certified by Scientific Certification Systems based on a life cycle assessment.
7. **MicroPro® is environmentally sustainable, is low leaching, low VOC** emissions and the award of the GREENGUARD Children and Schools' Certification from the Greenguard® Environmental Institute.
8. MicroPro® Wood Treatment Technology has received a Global GreenTag GreenRate™ Level A this declaration is 'Fit-for-Purpose' and confirmed for Green Building compliance.
9. MicroPro® Wood Treatment Technology has received GreenTag PhD™ proving claims that MicroPro® is safe for human health (and ecosystems).

50mm Cladding Cover (75mm in EH Wind Zone) / 10min / 25 / 10° / 15° / 12 Min

TO BE CONFIRMED ON SITE

HEAD FLASHING DIMENSIONS

HF — Powder coated aluminium Head Flashing with minimum 15 degree fall and optional hemmed edges as per table 7 E2/AS1

100 mm
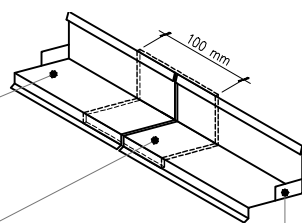
PC Aluminium under flashing with 3mm upturns at ends (Only to be used when a full length flashing will not work)

Head Flashing turned up to form stop end

TO BE CONFIRMED ON SITE

8min / 3° / 35 Min

SILL FLASHING DIMENSIONS

SF — Powder coated aluminium Sill Flashing with 3 degrees fall Flashing extends behind line of Aluminium Frame with 8mm min back upstand and sloping end dams as per Figure 72A E2/AS1

100 mm

Sill Flashing turned up to form stop end dams

W6 | **TYPICAL HEAD & SILL FLASHINGS**
BB13 | SCALE : 1 / 2 @ A1, 1 / 4 @ A3

TYPE **Generation II** H3.2 Exterior Cladding Systems
Bevel Back Weatherboard - Direct Fix

NAME Window Flashing Details - Aluminium Joinery
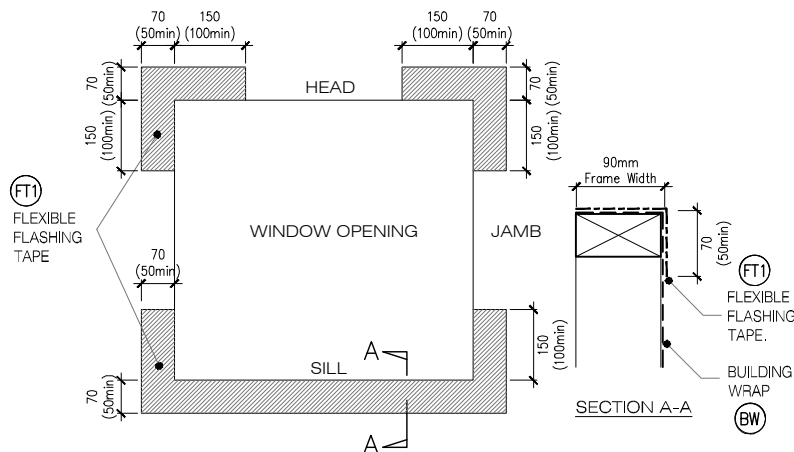
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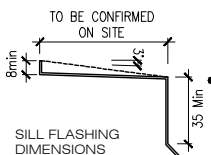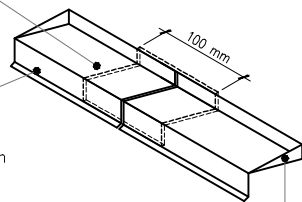AQ-020216-CMNZ

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