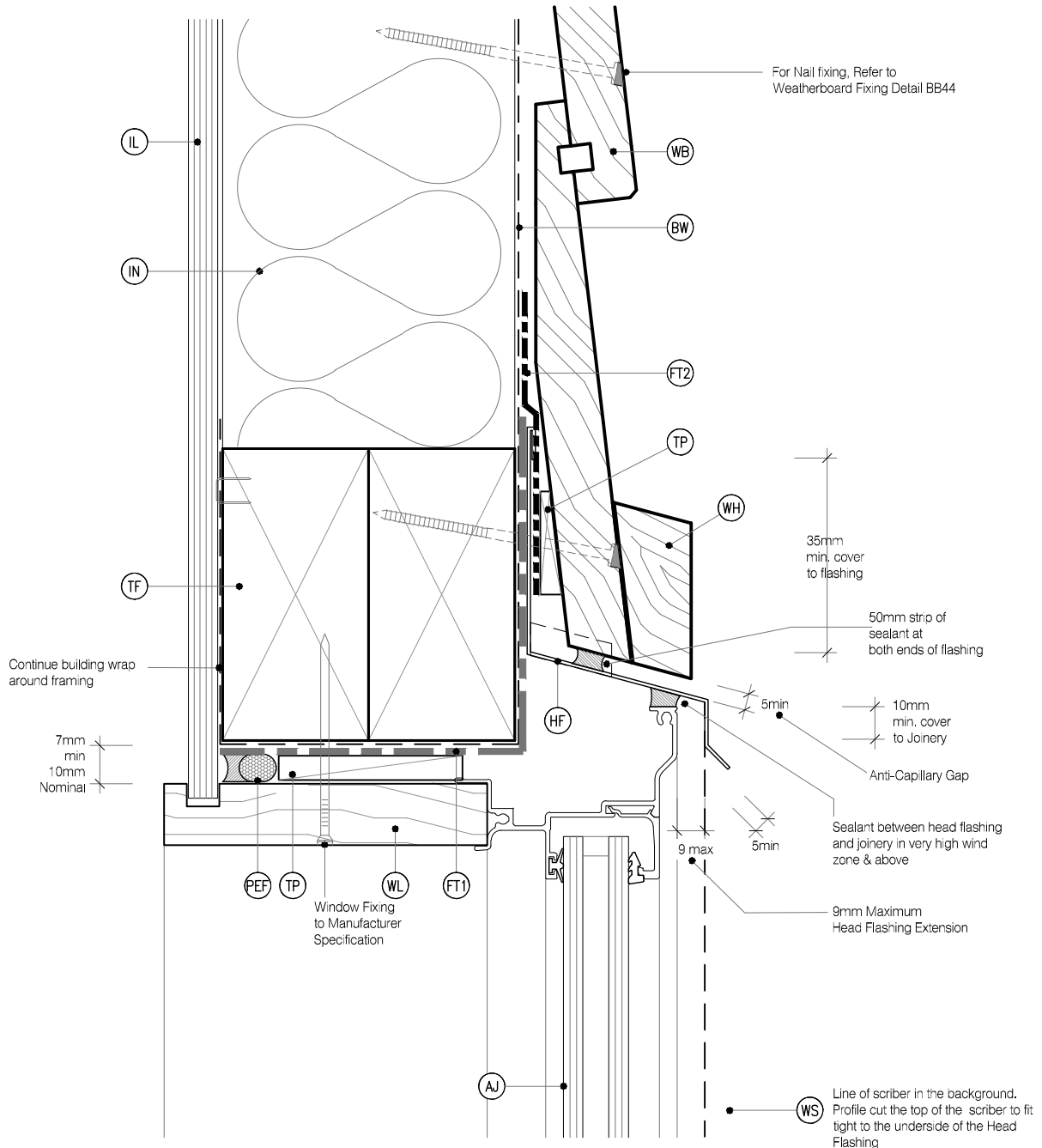


LEGEND :

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> (PEF) PEF ROD BACKING: Foam backing rod with sealant 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, Rigid Underlay required (9.1.7.2 E2/AS1) (SF) SILL FLASHING: Powder Coater Aluminium, extend behind 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 | <ul style="list-style-type: none"> (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 | <ul style="list-style-type: none"> (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 |
|---|---|---|



MicroPro® Wood Treatment Technology

1. KLC use the MicroPro Micronized Copper Azole (MCA) based preservative system for their wood products. It accounts for 80% 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 alkyl (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).

CAD REF : KLC DF BB10-15 - WINDOW DETAILS.dwg
DATE : 20/11/2018



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

NAME **Window Head Detail - Aluminium Joinery**

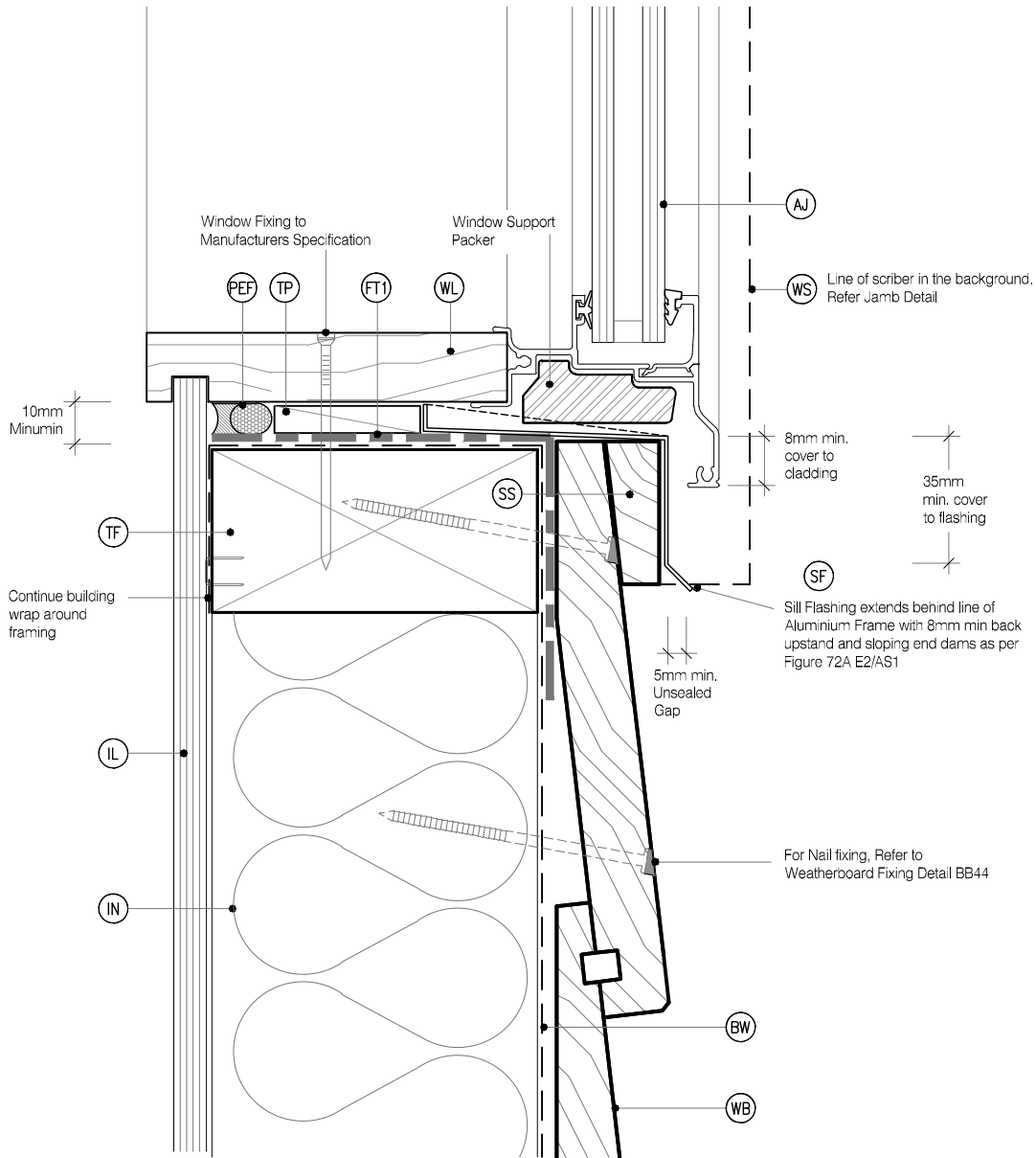
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DRAWING SCALE 1:2 @ A4	ISSUE DATE 20/11/2018
DRAWING No KLC DF BB10	REVISION 0

LEGEND :

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> (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, Rigid Underlay required (9.1.7.2 E2/AS1) (SF) SILL FLASHING: Powder Coater Aluminium, extend behind 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 | <ul style="list-style-type: none"> (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 | <ul style="list-style-type: none"> (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 |
|---|---|---|



MicroPro® Wood Treatment Technology

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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).

CAD REF :KLC DF BB10-15 - WINDOW DETAILS.dwg
DATE :20/11/2018



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

NAME **Window Sill Detail - Aluminium Joinery**

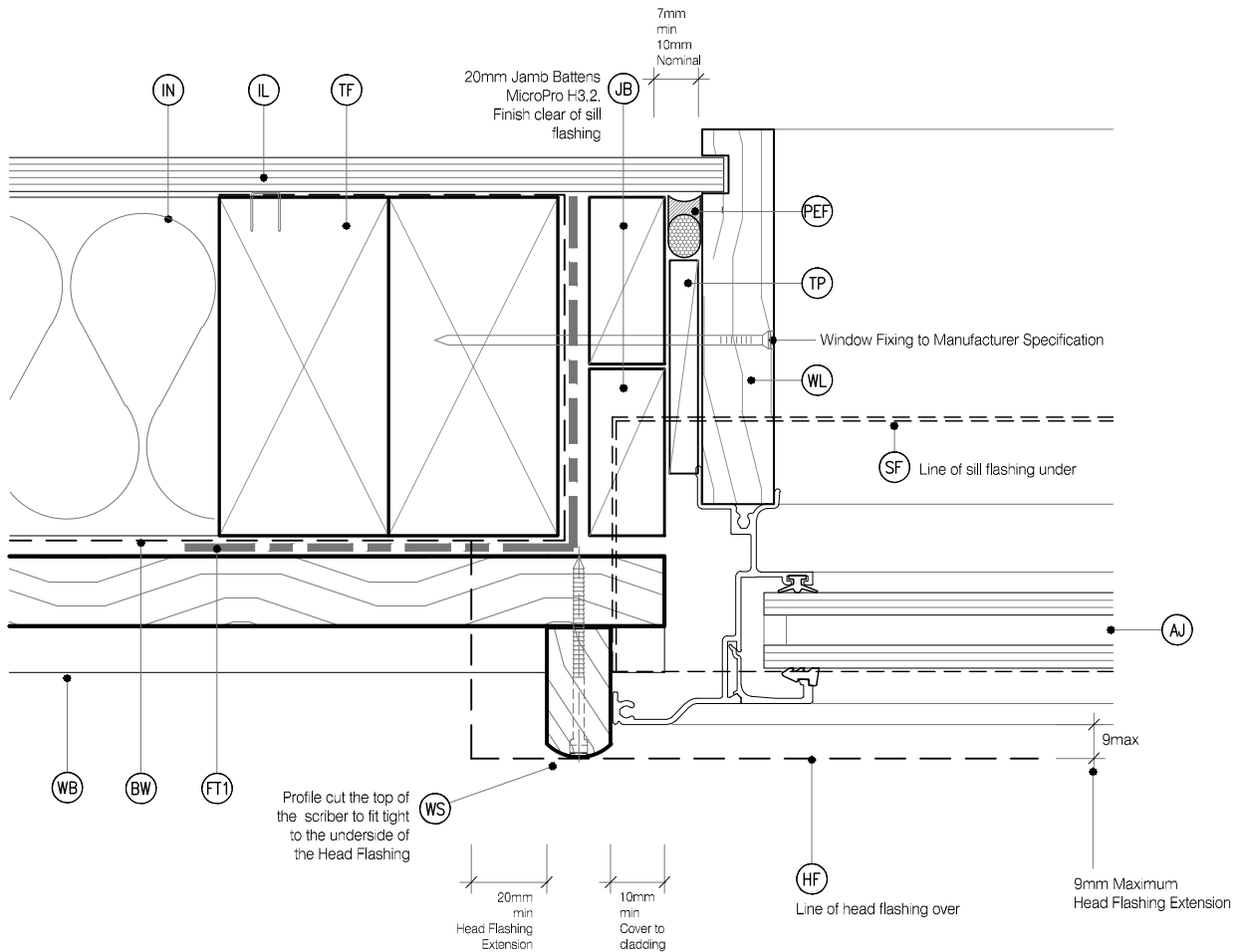


DRAWING SCALE: 1:2 @ A4
ISSUE DATE: 20/11/2018

DRAWING No	REVISION
KLC DF BB11	0

LEGEND :

<p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)</p> <p>(AJ) ALUMINIUM JOINERY: Selected double glazed aluminium joinery</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(BW) 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)</p> <p>(SF) SILL FLASHING: Powder Coater Aluminium, extend behind line of Aluminium Frame with 8mm min back upstand and sloping end dams as per Figure 72A E2/AS1</p> <p>(JB) JAMB BATTENS: 20mm MicroPro H3.2. Batten stops short of sill flashing. Sill flashing runs under</p>	<p>(FT1) FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1</p> <p>(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</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(WB) WEATHER BOARD: KLC Generation II, MicroPro H3.2 Bevel Back Weatherboard, Profile to NZS 3617</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall and optional hemmed edges as per table 7 E2/AS1</p> <p>(TP) TIMBER PACKER: MicroPro H3.2 Treated Packer</p>	<p>(SS) SILL SCRIBER: MicroPro H3.2. Horizontal batten under window as necessary to suit profile, sealant to back of sill scriber</p> <p>(WL) WINDOW LINER: As Specified (We Recommend MicroPro H3.2 Liners & Sills)</p> <p>(WH) WEATHERHEAD: MicroPro H3.2, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of head scriber</p> <p>(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</p>
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MicroPro® Wood Treatment Technology

- KLC use the MicroPro Micronized Copper Azole (MCA) based preservative system for their wood products. It accounts for 80% of wood treated in the US for domestic applications.
- Micronized Copper Azole (MCA) preservatives are EPA-approved for use in NZ and AUS to NZS3640:2003 and AS1604:12012
- MicroPro preservative is applied using high-pressure and vacuum-pressure in the impregnation process in KLC's modern, automated treatment facility.
- Cut End Treatment: All cut ends surfaces are to be double coated and sealed before fixing. With a alkyl (oil based) primer
- 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.
- MicroPro® is the first wood treatment process to be EPP (Environmentally Preferable Product) certified by Scientific Certification Systems based on a life cycle assessment.
- 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.
- MicroPro® Wood Treatment Technology has received a Global GreenTag GreenRate™ Level A this declaration is 'fit-for-Purpose' and confirmed for Green Building compliance.
- MicroPro® Wood Treatment Technology has received GreenTag PhD™ proving claims that MicroPro® is safe for human health (and ecosystems).

CAD REF :KLC DF BB10-15 - WINDOW DETAILS.dwg
DATE :20/11/2018



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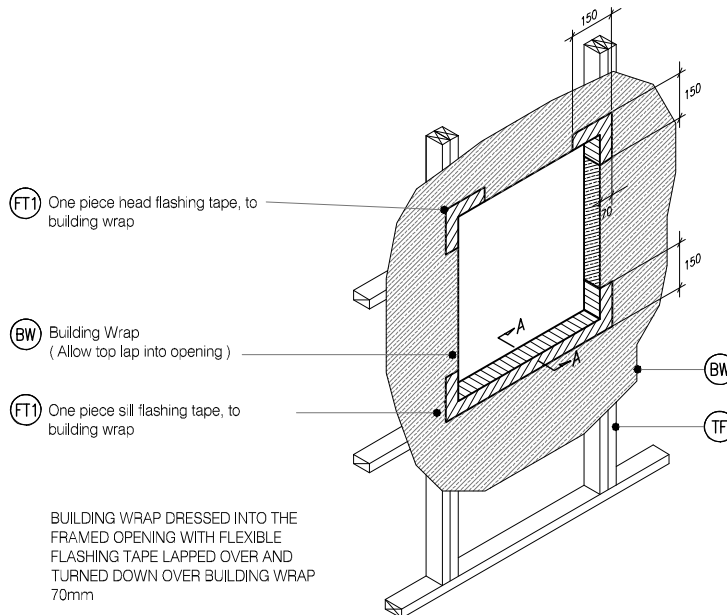
TYPE Generation II H3.2 Exterior Cladding Systems
Bevel Back Weatherboard - Direct Fix

NAME Window Jamb Detail - Aluminium Joinery



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

DRAWING No	REVISION
KLC DF BB12	0



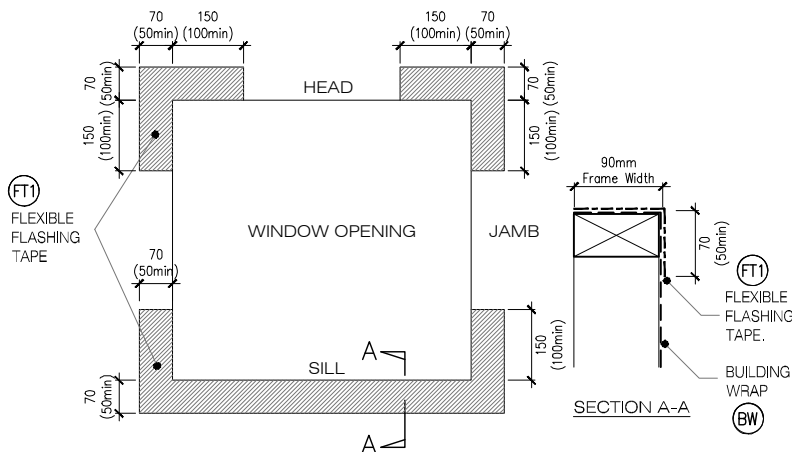
(FT1) One piece head flashing tape, to building wrap

(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

(W4) TYPICAL WINDOW OPENING (FLASHING TAPE)
BB13 SCALE : N.T.S



(FT1) FLEXIBLE FLASHING TAPE

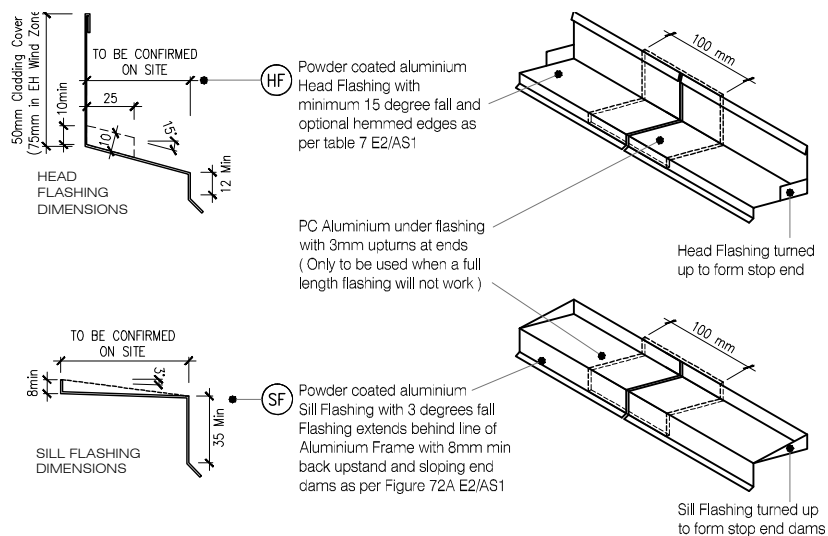
(FT1) FLEXIBLE FLASHING TAPE.
(BW) BUILDING WRAP

SECTION A-A

MicoPro® Wood Treatment Technology

1. KLC use the MicroPro Micronized Copper Azole (MCA) based preservative system for their wood products. It accounts for 80% of wood treated in the US for domestic applications
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(W5) FLEXIBLE BUILDING WRAP AT OPENING
BB13 SCALE : 1 / 5 @ A1, 1 / 10 @ A3



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

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

(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

Sill Flashing turned up to form stop end dams

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