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Health Based Building

Magnum Board 16mm Weatherboard Direct Fix

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150mm
100
50
0 10mm

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000

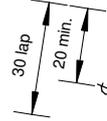
Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Cover Sheet



150mm
100
50
0 10mm

16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap



Fixing, selection as below

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements

PVC starter strip - located to allow maximum weatherboard overhang of 20mm

20-50mm overhang past floor

75mm minimum exposed slab edge kept visible for termite detection

FIXING OPTIONS

Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
or
Screw fixing (Simpson Strong-Tie CBSDG158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Interior wall lining

Timber or LVL wall framing, minimum 35mm wide studs at 600crs max

Exterior wall insulation

Selected skirting

Concrete floor slab, refer to drawings

DPC between all timber and concrete

Concrete Foundation Detail

1 : 2

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150mm
100
50
10mm
0

Timber or LVL wall framing,
minimum 35mm wide studs at
600crs max

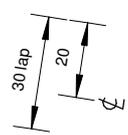
16mm Magnum Board® bevel-back
weatherboard - allow for 150mm
cover plus 30mm lap

Suitable water control membrane installed
in accordance with AS/NZS 4200.2 "Pliable
building membranes and underlays –
Installation" and NCC requirements

Fixing, selection as below

Timber joist, refer to drawings

FIXING OPTIONS
Nail fixing (50 x 2.5-2.8mm round head SS coil or
cassette nail)
or
Screw fixing (Simpson Strong-Tie CBSDG158SA)
*NOTE: For screw-fixing, pre-drill with 5mm Ø drill
and countersink bit to prevent splitting.*



PVC starter strip - located to allow
maximum weatherboard overhang of
20mm

10-20
20-50 overhang

Interior wall lining

Selected skirting.

Exterior wall insulation

Selected flooring, refer to
drawings

Timber Foundation Detail
1 : 2

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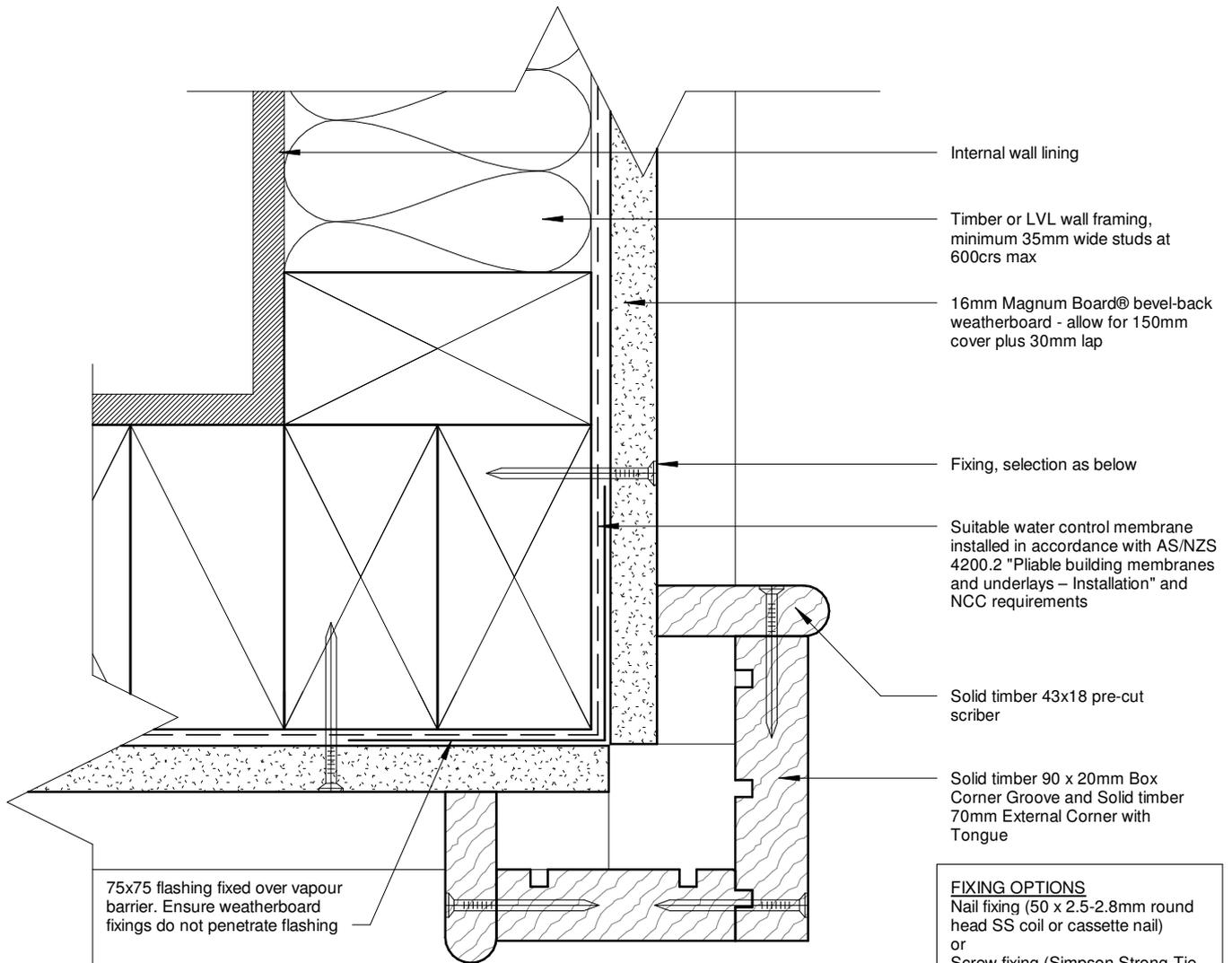
150mm

100

50

10mm

0



- Internal wall lining
- Timber or LVL wall framing, minimum 35mm wide studs at 600crs max
- 16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap
- Fixing, selection as below
- Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements
- Solid timber 43x18 pre-cut scribe
- Solid timber 90 x 20mm Box Corner Groove and Solid timber 70mm External Corner with Tongue

75x75 flashing fixed over vapour barrier. Ensure weatherboard fixings do not penetrate flashing

FIXING OPTIONS
 Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
 or
 Screw fixing (Simpson Strong-Tie CBSDG158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

External Corner Boxed Detail
 1 : 2

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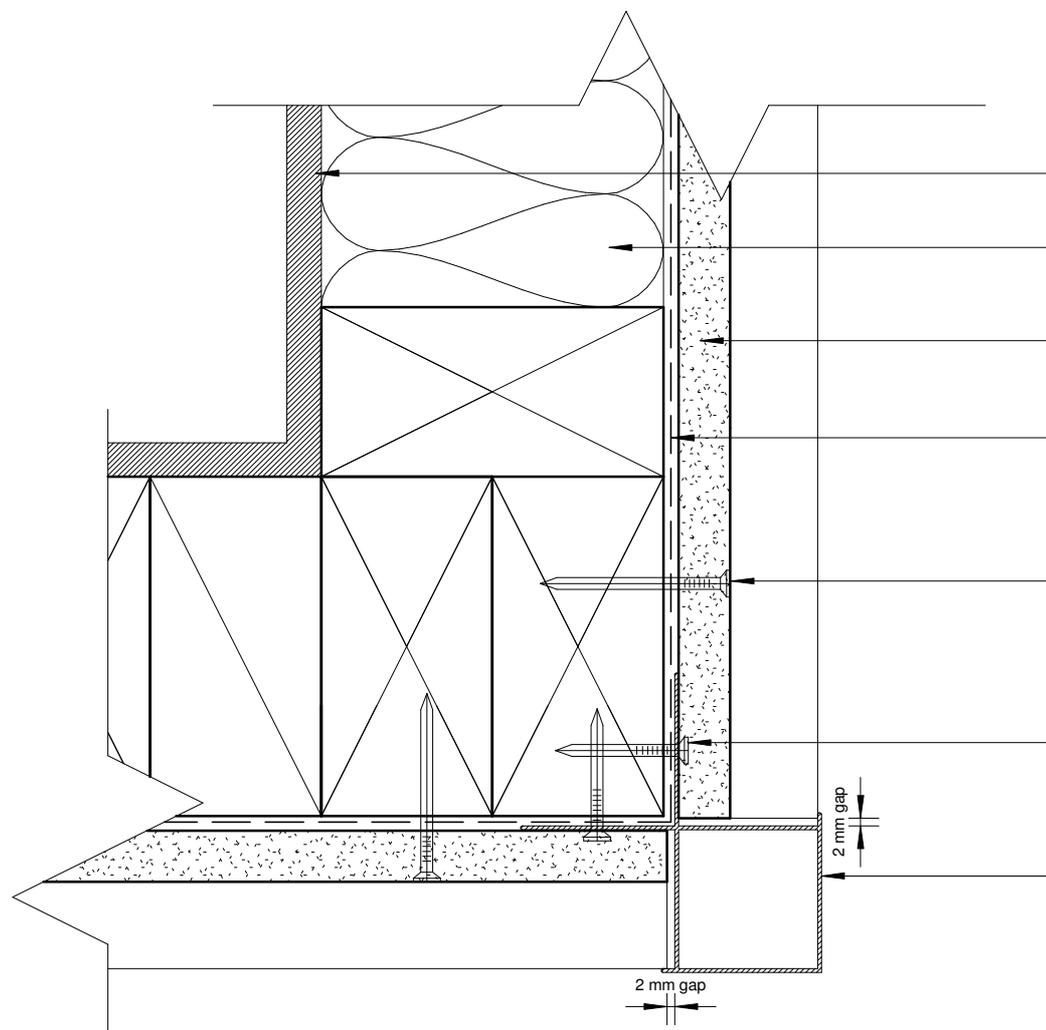
150mm

100

50

10mm

0



- Internal wall lining
- Timber or LVL wall framing, minimum 35mm wide studs at 600crs max
- 16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap
- Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays – Installation" and NCC requirements
- Fixing, selection as below
- Fix box corner with 40mm nails in at 400mm crs. Fix to both flanges
- Aluminium boxed corner, Linea™ aluminium external slimline boxed corner or similar

FIXING OPTIONS
 Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
 or
 Screw fixing (Simpson Strong-Tie CBSDG158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

External Corner Aluminium Box Detail

1 : 2

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 Health Based Building Magnum Board 16mm Weatherboard Direct Fix
 External Corner Detail



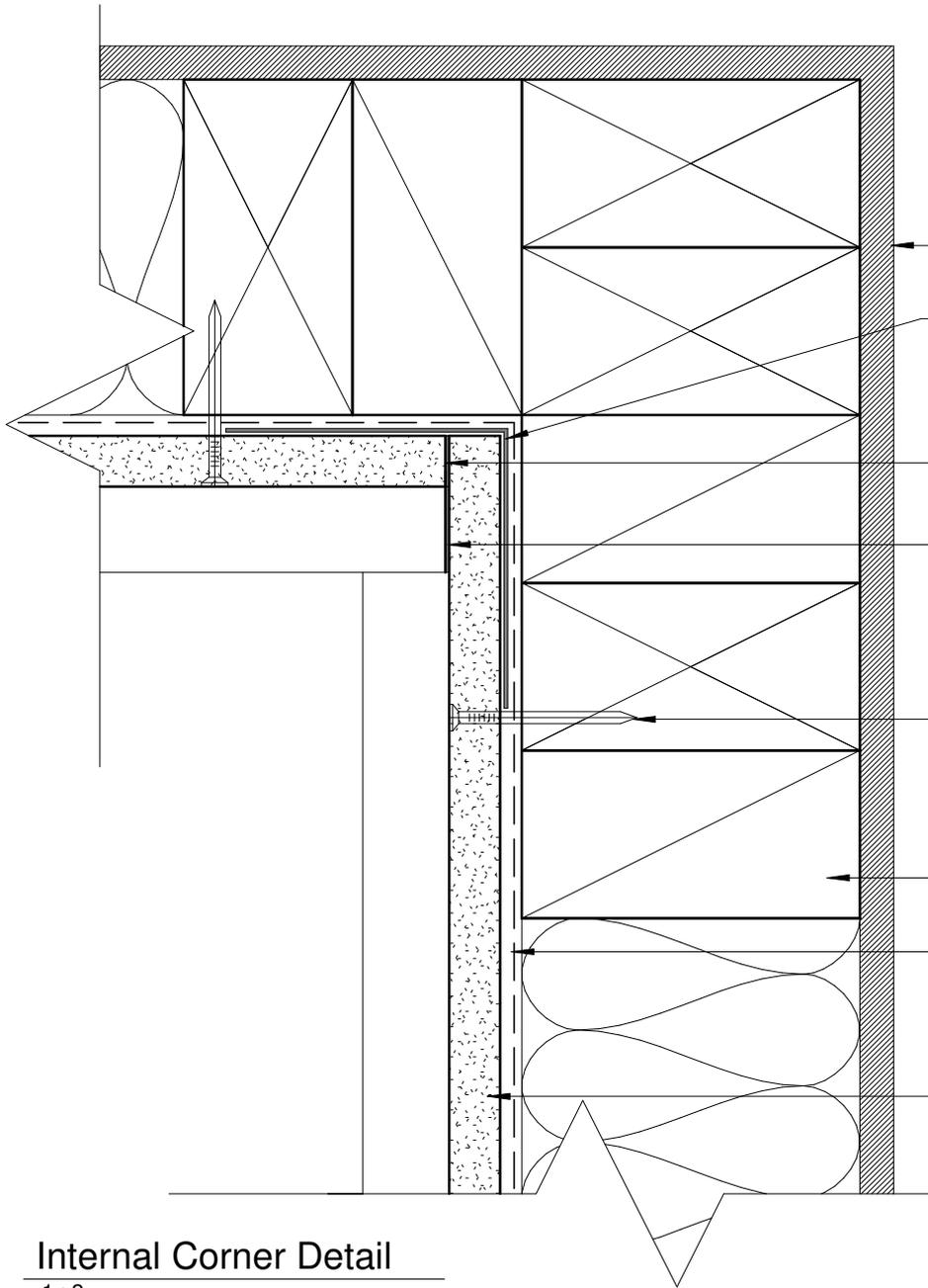
150mm

100

50

10mm

0



NOTE: Respiratory and Eye Protection instructions under Section 8 on P24 when cutting

- Internal wall lining
- 75mm x 75mm internal corner flashing with hems
- Cutt to butt evenly to front face of weatherboard
- Allow to apply PU45FT adhesive prior to fixing. Apply strong pressure to ensure a satisfactory bond and finish
- Fixing, selection as below
- Timber or LVL wall framing, minimum 35mm wide studs at 600crs max
- Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements
- 16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

FIXING OPTIONS
 Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
 or
 Screw fixing (Simpson Strong-Tie CBSDG158SA)
 NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Internal Corner Detail

1 : 2

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5/31
 Health Based Building Magnum Board 16mm Weatherboard Direct Fix
 Internal Corner Detail



150mm

100

50

10mm

0

NOTE: Respiratory and Eye Protection instructions under Section 8 on P24 when cutting

Internal wall lining

Linea™ or similar aluminium internal corner W-flashing with 40mm nails at 400mm centres in both flanges

Fixing, selection as below

Timber or LVL wall framing, minimum 35mm wide studs at 600cns max

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays – Installation" and NCC requirements

16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Internal W-Corner Detail

1 : 2

FIXING OPTIONS
 Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
 or
 Screw fixing (Simpson Strong-Tie CBSDG158SA)
 NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Internal Corner Detail



150mm

100

50

10mm

0

Selected roofing, refer to drawings

Selected spouting

Selected fascia

Selected soffit lining

Timber eaves moulding

16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements

Fixing, selection as below

FIXING OPTIONS

Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)

or

Screw fixing (Simpson Strong-Tie CBSDG158SA)

NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Roof structure in accordance with drawings

Wall lining or ceiling lining

Timber or LVL wall framing, minimum 35mm wide studs at 600crs max

Eave - Section Detail

1 : 5

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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Eave - Section Detail



150mm

100

50

10mm

0

Selected roofing, refer to drawings

Selected fascia

Selected soffit lining

Timber eaves moulding

16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements

Fixing, selection as below

Roof structure

Wall lining, ceiling lining

Timber or LVL wall framing, minimum 35mm wide studs at 600crs max

FIXING OPTIONS

Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)

or

Screw fixing (Simpson Strong-Tie CBSDG158SA)

NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Barge - Sectional Detail

1 : 5

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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Barge - Section Detail



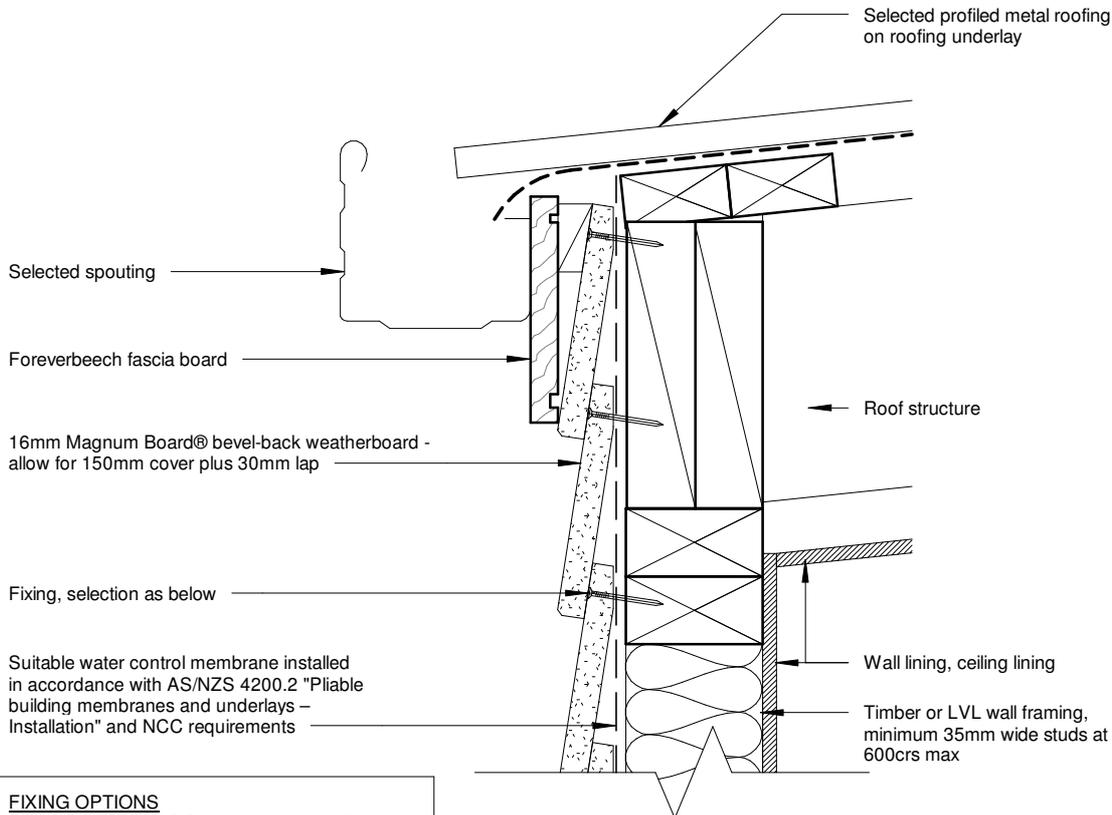
150mm

100

50

10mm

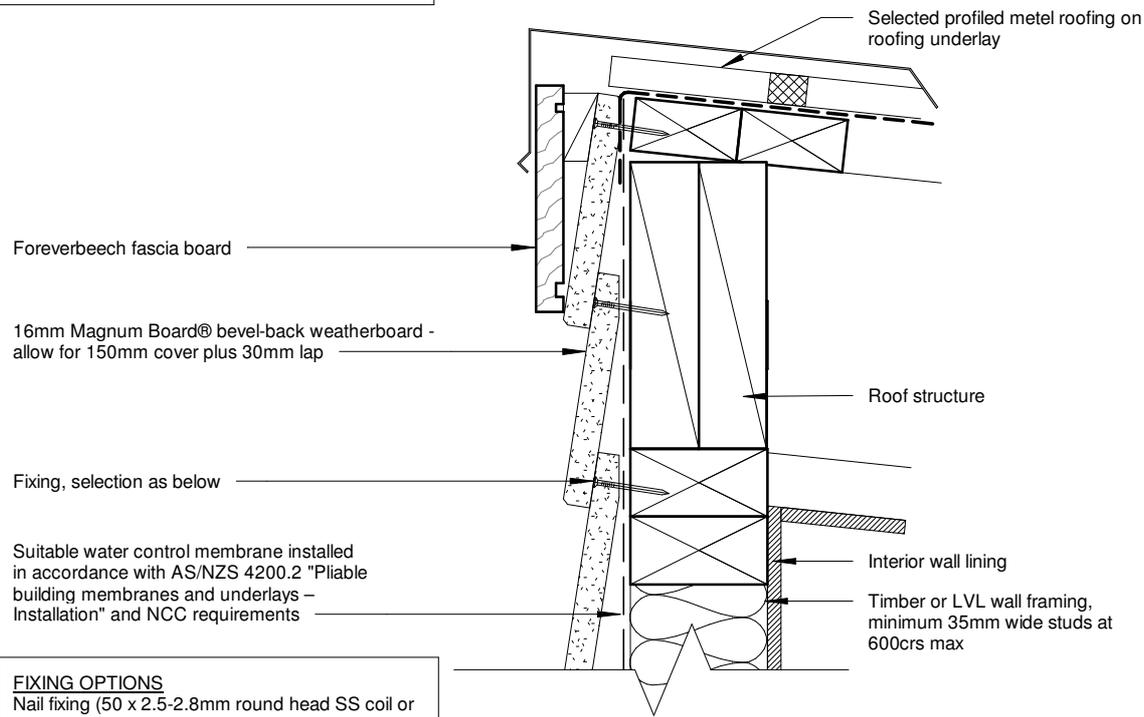
0



FIXING OPTIONS
 Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
 or
 Screw fixing (Simpson Strong-Tie CBSDG158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Barge - No Soffit Detail

1 : 5



FIXING OPTIONS
 Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
 or
 Screw fixing (Simpson Strong-Tie CBSDG158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Roof - Wall Ridge - Section Detail

1 : 5

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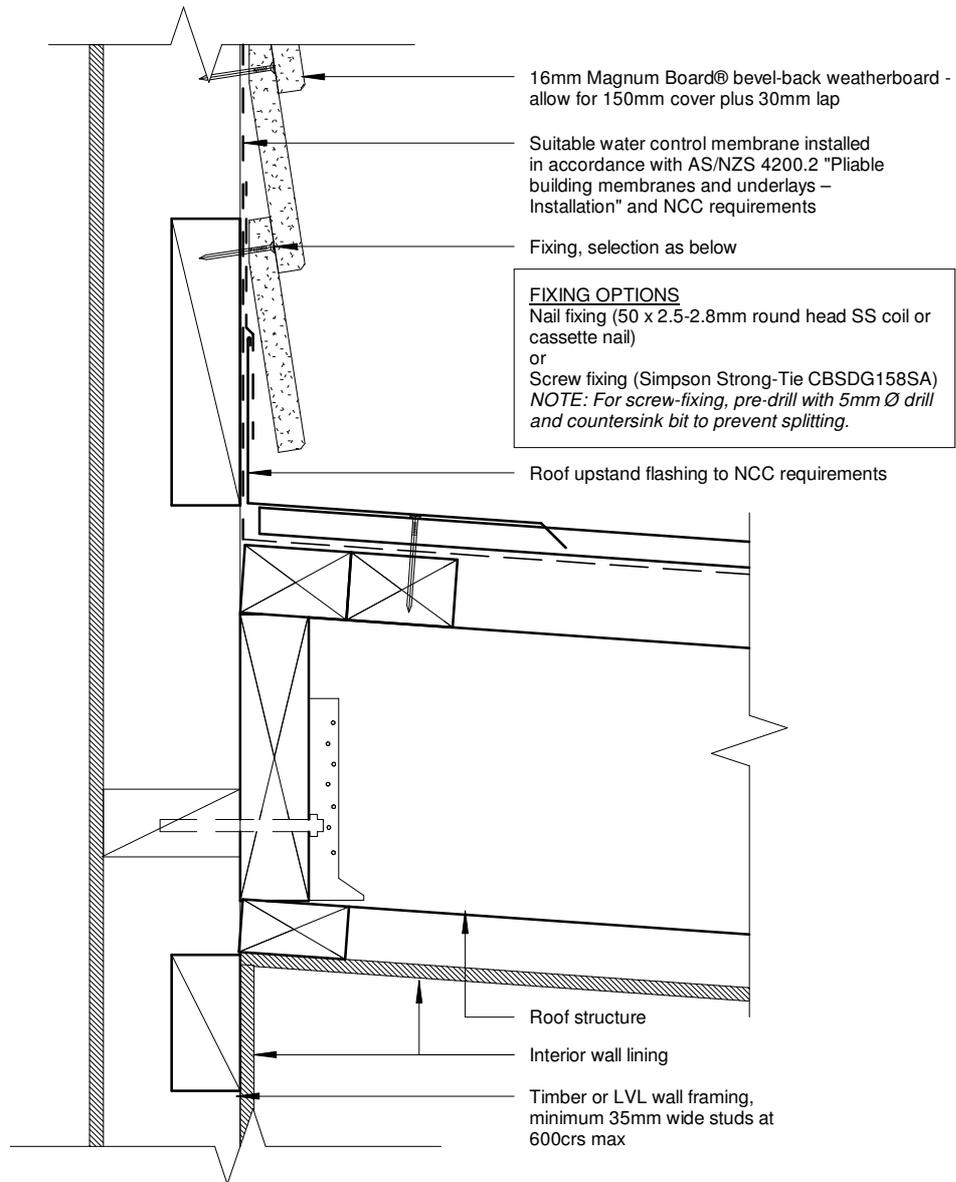


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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Roof - Wall Ridge - Section Detail





Canopy Junction - Section Detail
 1 : 5

150mm
100
50
0 10mm

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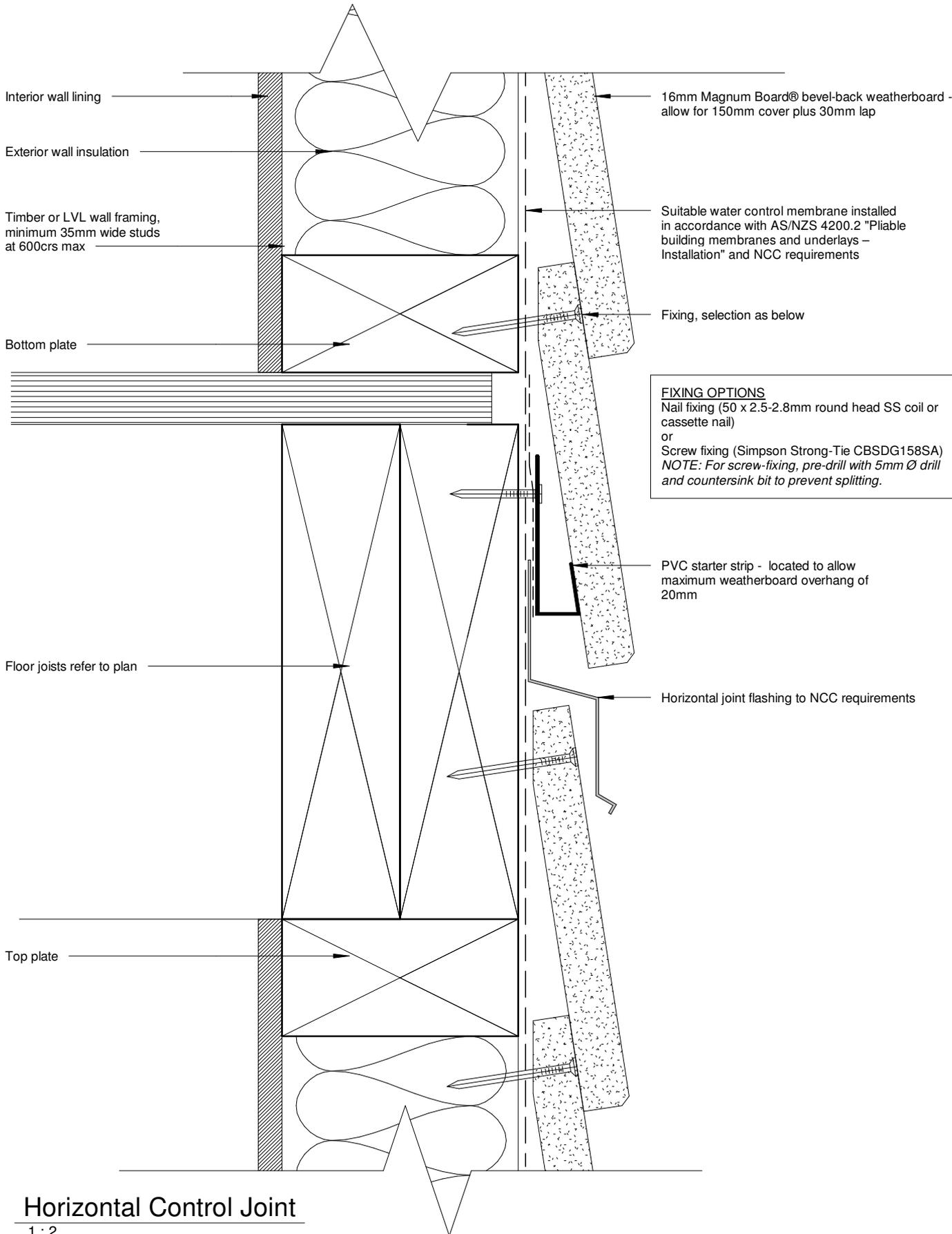
10/31

Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Canopy Junction - Section Detail



150mm
100
50
0 10mm



FIXING OPTIONS
Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
or
Screw fixing (Simpson Strong-Tie CBSDG158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Horizontal Control Joint
1 : 2

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11/31

Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Horizontal Control Joint

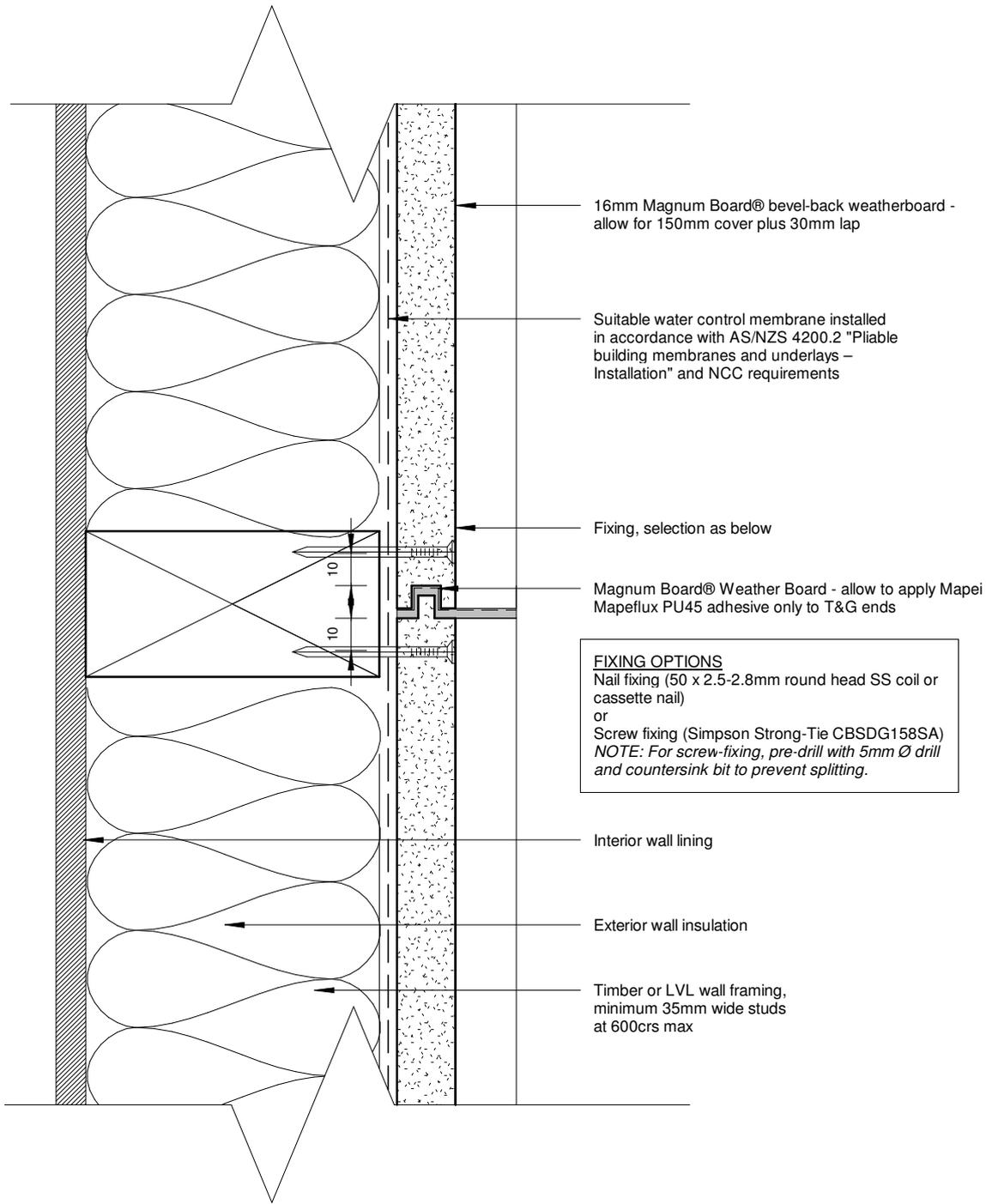


150mm

100

50

0 10mm



16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays – Installation" and NCC requirements

Fixing, selection as below

Magnum Board® Weather Board - allow to apply Mapei Mapeflux PU45 adhesive only to T&G ends

FIXING OPTIONS

Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)

or

Screw fixing (Simpson Strong-Tie CBSDG158SA)

NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Interior wall lining

Exterior wall insulation

Timber or LVL wall framing, minimum 35mm wide studs at 600crs max

Vertical Joint on Stud

1 : 2

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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Vertical Joint On Stud



150mm

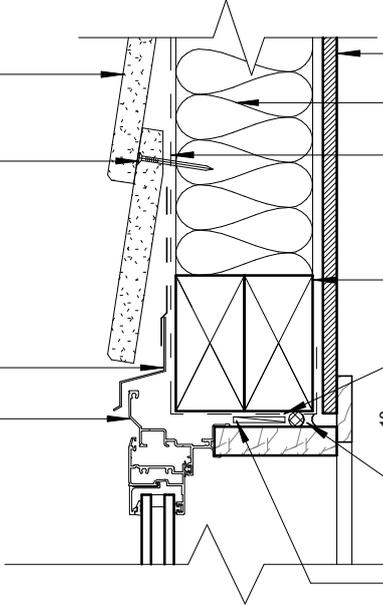
16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Fixing, selection as below

Flashing to NCC requirements

Selected aluminium joinery

FIXING OPTIONS
 Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
 or
 Screw fixing (Simpson Strong-Tie CBSDG158SA)
 NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.



Interior wall lining
 Exterior wall insulation
 Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements
 Timber or LVL wall framing, minimum 35mm wide studs at 600crs max
 10mm Gap nominal to allow for head deflection and air seal
 Continuous flexible air seal on PEF backing rod to perimeter of opening
 Temporary packers if required are to be removed after fixing

Typical Head Detail
 1 : 5

100

Selected aluminium joinery
 Sill flashing to extend behind line of aluminium frame, with 8mm min. upstand to back and sloping end dams.

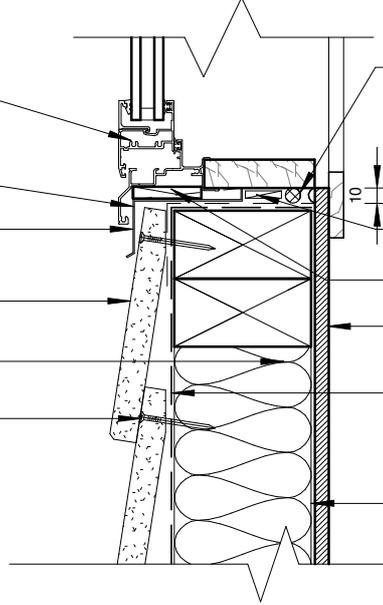
Flashing to NCC requirements

16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Exterior wall insulation

Fixing, selection as below

FIXING OPTIONS
 Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
 or
 Screw fixing (Simpson Strong-Tie CBSDG158SA)
 NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.



Continuous flexible air seal on PEF backing rod to perimeter of opening
 10mm nominal gap
 Packer to suit
 Frame block
 Interior wall lining
 Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements
 Timber or LVL wall framing, minimum 35mm wide studs at 600crs max

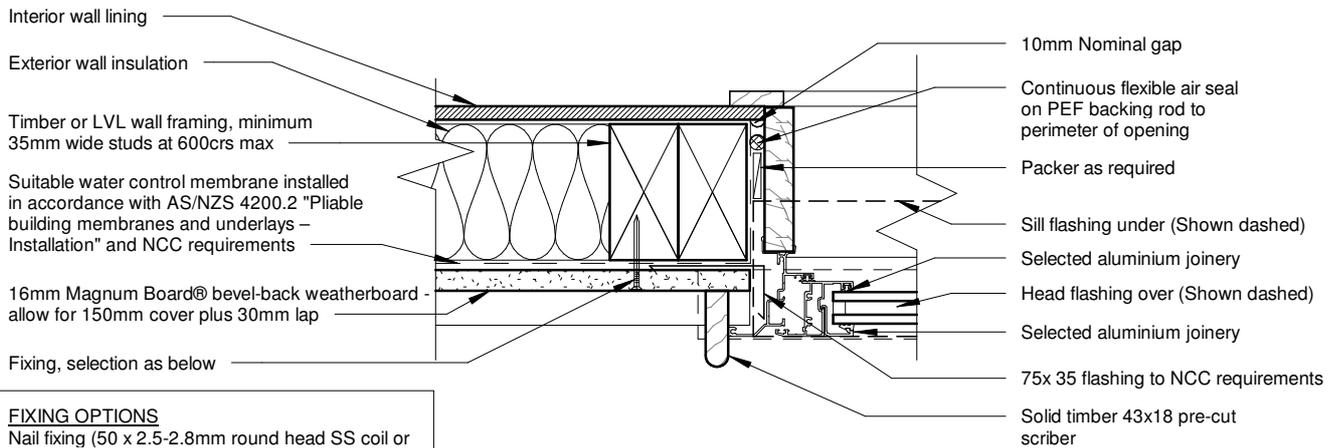
Typical Sill Detail
 1 : 5

50

0

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FIXING OPTIONS
 Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
 or
 Screw fixing (Simpson Strong-Tie CBSDG158SA)
 NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Typical Jamb Detail
 1 : 5



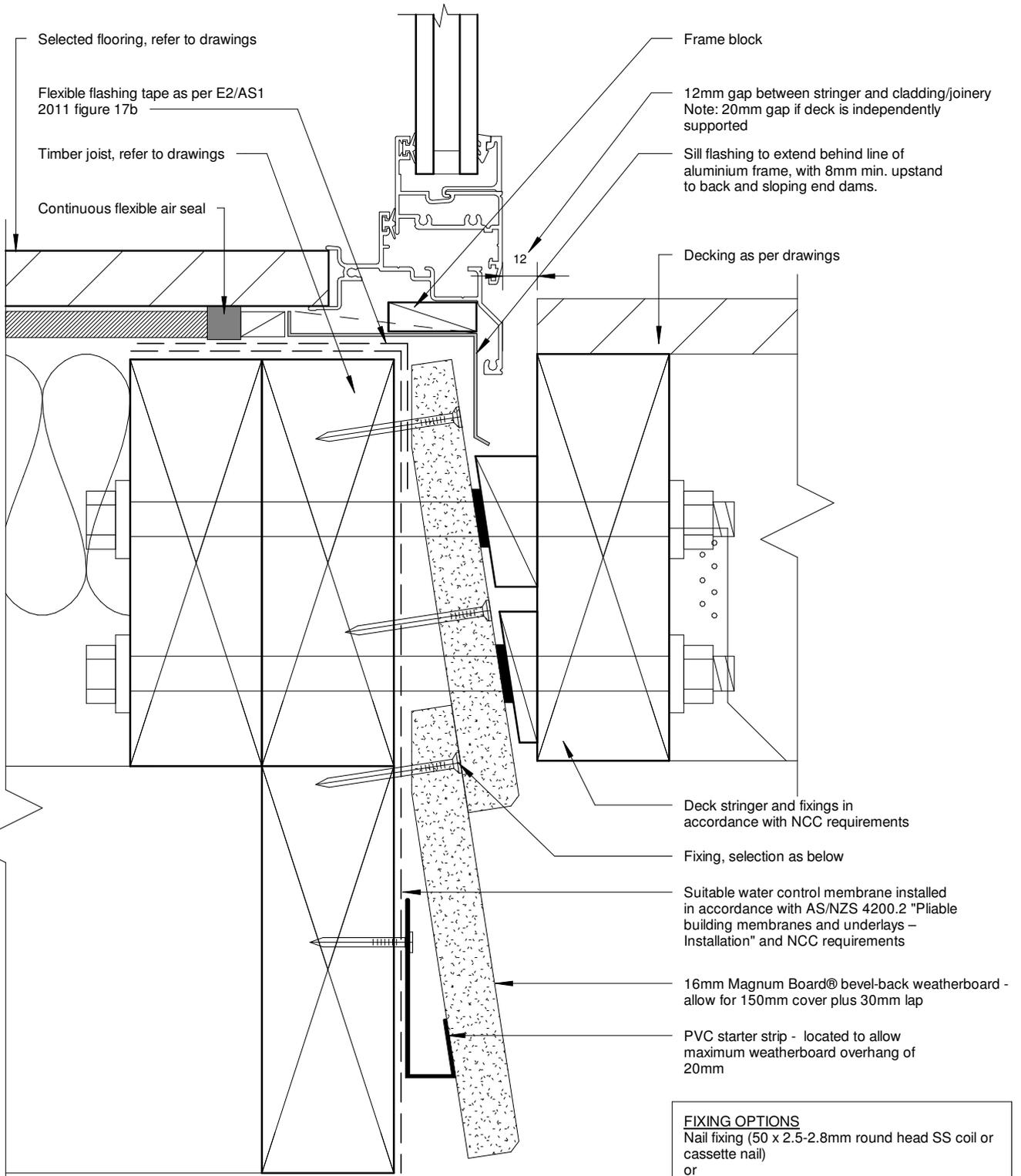
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14/31
 Health Based Building Magnum Board 16mm Weatherboard Direct Fix
 Typical Jamb Detail



150mm
100
50
10mm
0



Deck Threshold Detail
1 : 2

FIXING OPTIONS
Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
or
Screw fixing (Simpson Strong-Tie CBSDG158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

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16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements

Clear MS sealant to top half of flange

Powder coated flange plate

Clear MS sealant 10mm wide x 6mm Deep sealant on bond breaker

Fixing, selection as below

Proprietary rubber collar, installed to manufacturer specifications

Pipe penetration sloping to outside

Solid blocking around penetration with minimum 75mm overlap to wrap

Internal wall lining

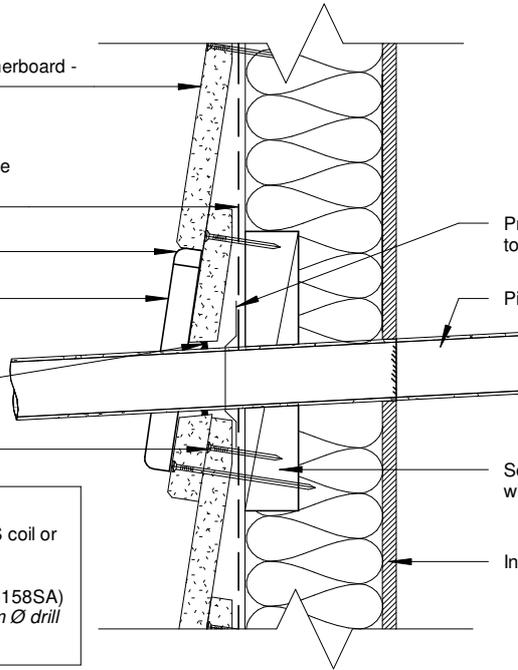
FIXING OPTIONS

Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)

or

Screw fixing (Simpson Strong-Tie CBSDG158SA)

NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.



Pipe Penetration Section Detail

1 : 5

150mm

100

50

10mm

0

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements

Fixing, selection as below

Clear MS sealant to top half of flange

Powdercoated aluminium flange plate

Internal wall lining

Support pipe with a nog under and screw fixed strap over

Proprietary rubber collar, installed to manufacturer specifications

16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

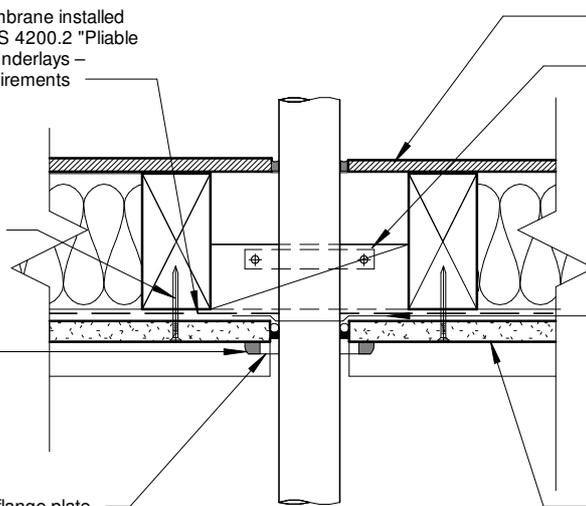
FIXING OPTIONS

Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)

or

Screw fixing (Simpson Strong-Tie CBSDG158SA)

NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.



Pipe Penetration Plan Detail

1 : 5

16/31

Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Pipe Penetration - Plan & Section Detail



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150mm

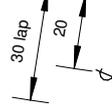
100

50

10mm

0

16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap



Fixing, selection as below

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements

Selected external wall frame thermal break R2.0 minimum to NCC requirements

PVC starter strip - located to allow maximum weatherboard overhang of 20mm

20-50mm overhang past floor

75mm minimum exposed slab edge kept visible for termite detection

150mm min. above ground

FIXING

Screw fixing (Simpson Strong-Tie WSCBGA158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Interior wall lining

0.55-1.6BMT steel wall framing, minimum 35mm wide studs at 600crs max to NASH standard

Exterior wall insulation

Selected skirting

Concrete floor slab, refer to drawings

DPC between all timber and concrete

Concrete Foundation Detail (Steel)

1 : 2

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17/31

Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Concrete Foundation Detail



150mm
100
50
10mm
0

0.55-1.6BMT steel wall framing,
minimum 35mm wide studs at
600crrs max to NASH standard

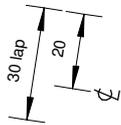
16mm Magnum Board® bevel-back
weatherboard - allow for 150mm
cover plus 30mm lap

Suitable water control membrane installed
in accordance with AS/NZS 4200.2 "Pliable
building membranes and underlays -
Installation" and NCC requirements

Fixing, selection as below

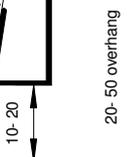
Steel frame floor, refer to drawings

FIXING
Screw fixing (Simpson Strong-Tie WSCBGA158SA)
*NOTE: For screw-fixing, pre-drill with 5mm Ø drill
and countersink bit to prevent splitting.*



Selected external wall frame
thermal break R2.0 minimum to
NCC requirements

PVC starter strip - located to allow
maximum weatherboard overhang of
20mm



Interior wall lining
Selected skirting
Exterior wall insulation
Selected flooring, refer to
drawings

Steel Floor Edge Detail

1 : 2

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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Steel Floor Detail



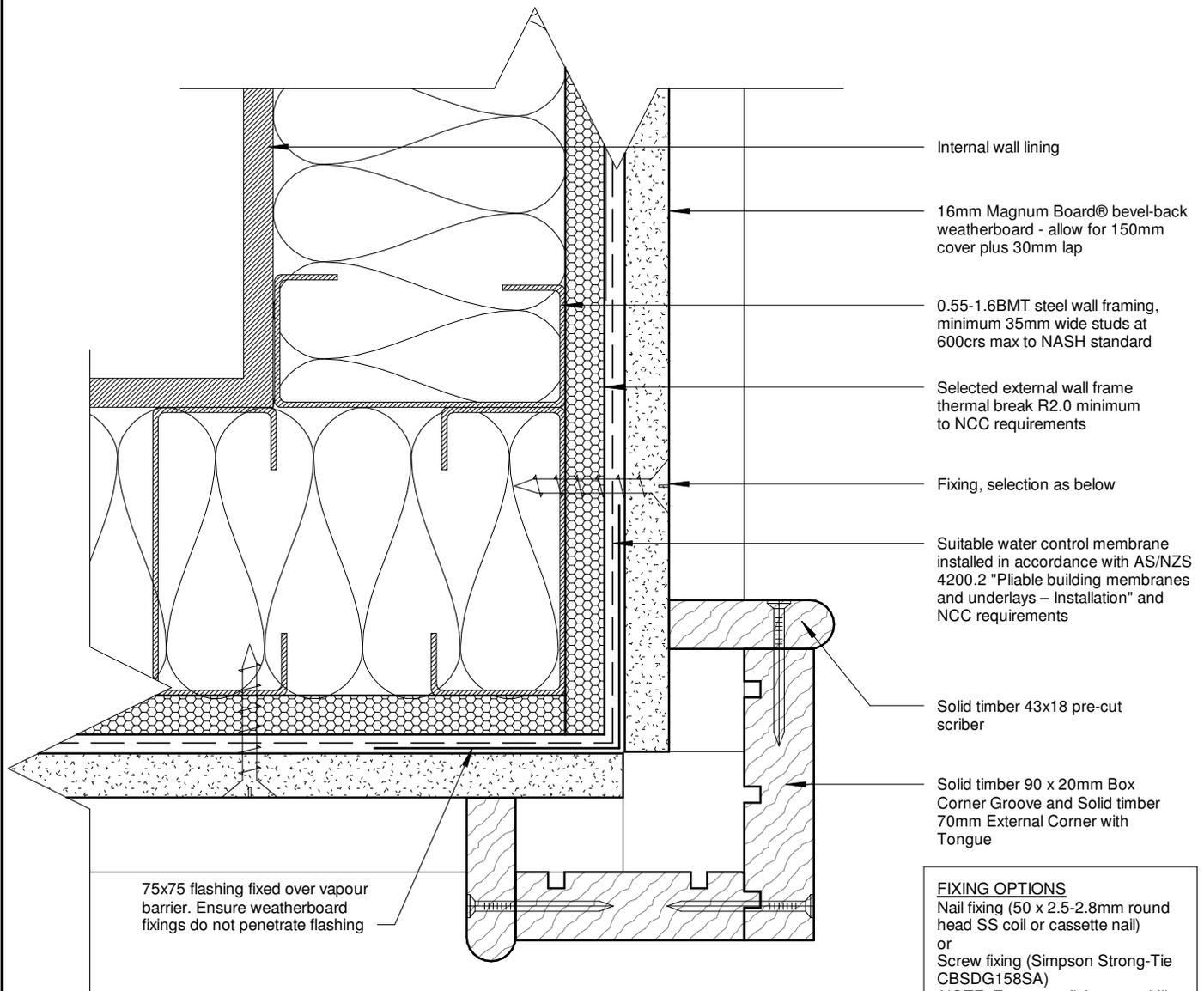
150mm

100

50

10mm

0



- Internal wall lining
- 16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap
- 0.55-1.6BMT steel wall framing, minimum 35mm wide studs at 600crs max to NASH standard
- Selected external wall frame thermal break R2.0 minimum to NCC requirements
- Fixing, selection as below
- Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays – Installation" and NCC requirements
- Solid timber 43x18 pre-cut scriber
- Solid timber 90 x 20mm Box Corner Groove and Solid timber 70mm External Corner with Tongue

FIXING OPTIONS
 Nail fixing (50 x 2.5-2.8mm round head SS coil or cassette nail)
 or
 Screw fixing (Simpson Strong-Tie CBSDG158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

External Corner Boxed Detail (Steel)
 1 : 2

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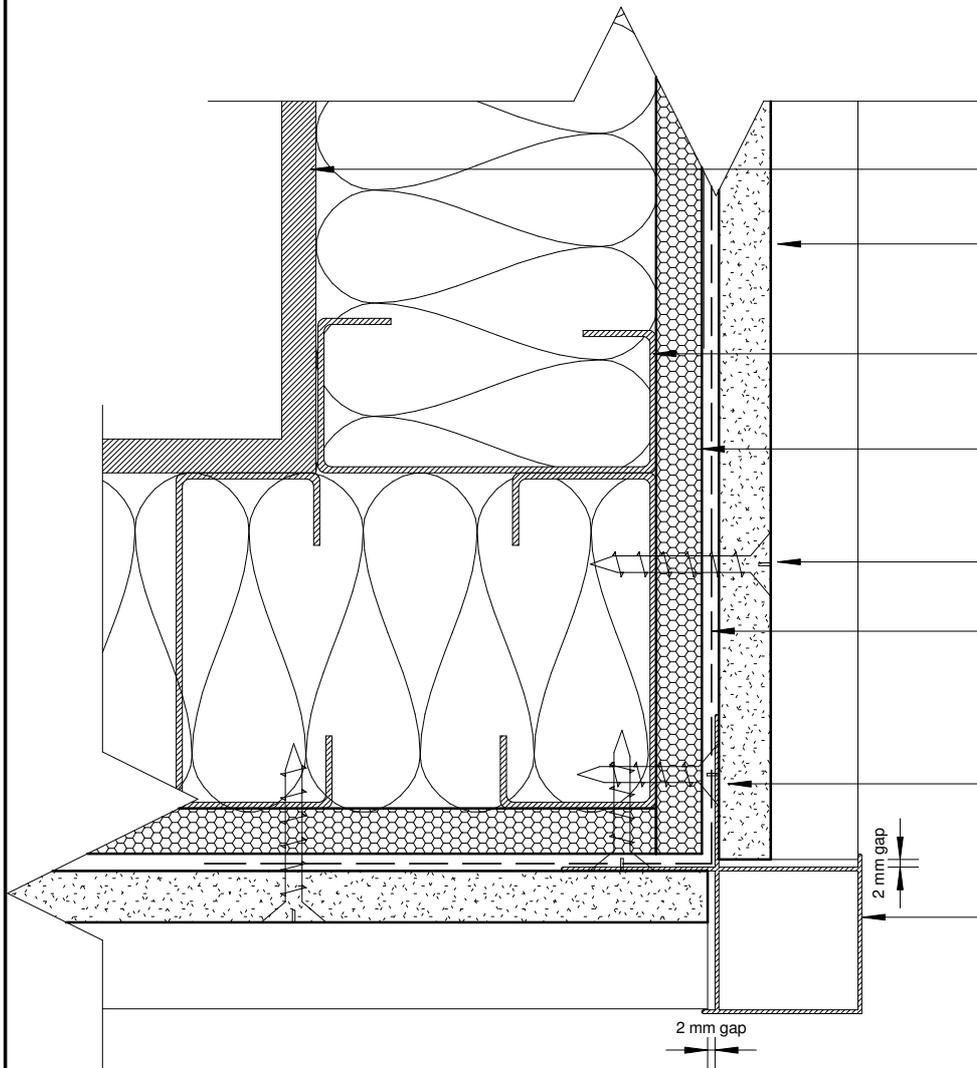
150mm

100

50

10mm

0



- Internal wall lining
- 16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap
- 0.55-1.6BMT steel wall framing, minimum 35mm wide studs at 600crs max to NASH standard
- Selected external wall frame thermal break R2.0 minimum to NCC requirements
- Fixing, selection as below
- Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements
- Fix box corner with 40mm screws at 400mm crs. Fix to both flanges
- Aluminium boxed corner, Linea™ aluminium external slimline boxed corner or similar

FIXING
 Screw fixing (Simpson Strong-Tie WSCBGA158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

External Corner Aluminium Box Detail (Steel)
 1 : 2

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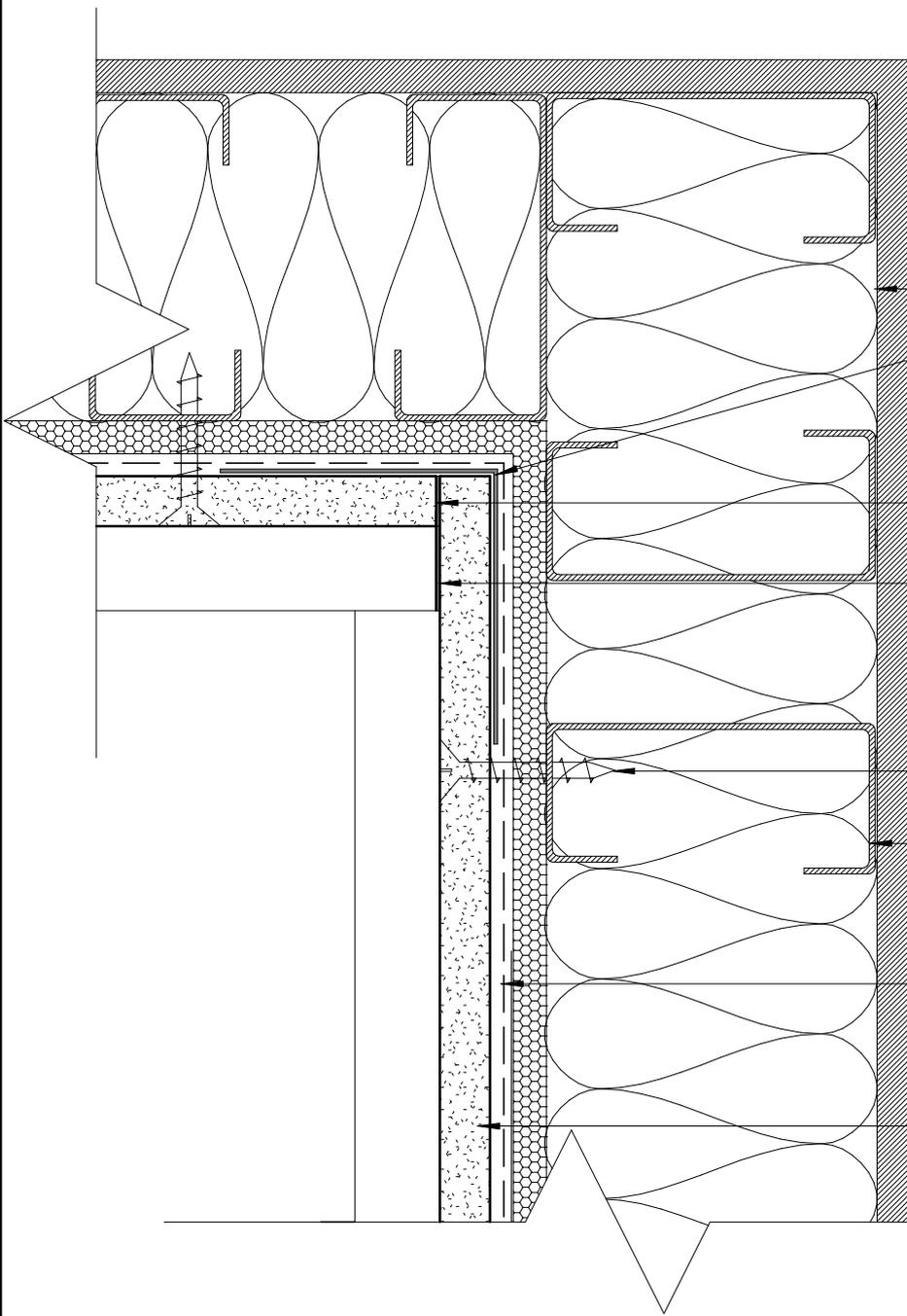
150mm

100

50

0 10mm

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NOTE: Respiratory and Eye Protection instructions under Section 8 on P24 when cutting

- Internal wall lining
- 75mm x 75mm internal corner flashing with hems
- Cutt to butt evenly to front face of weatherboard
- Allow to apply PU45FT adhesive prior to fixing. Apply strong pressure to ensure a satisfactory bond and finish
- Fixing, selection as below
- 0.55-1.6BMT steel wall framing, minimum 35mm wide studs at 600crs max to NASH standard
- Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements
- 16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

FIXING
 Screw fixing (Simpson Strong-Tie WSCBGA158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Internal Corner Detail (Steel)

1 : 2



150mm

100

50

10mm

0

NOTE: Respiratory and Eye Protection instructions under Section 8 on P24 when cutting

- Internal wall lining
- 75mm x 75mm internal corner flashing with hems
- Solid timber 45x36mm Internal Corner
- Fixing, selection as below
- 0.55-1.6BMT steel wall framing, minimum 35mm wide studs at 600crs max to NASH standard
- Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays – Installation" and NCC requirements
- 16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

FIXING
 Screw fixing (Simpson Strong-Tie WSCBGA158SA)
 NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Internal Moulded-Corner Detail (Steel)

1:2

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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Interior Corner Detail



150mm

100

50

10mm

0

Selected roofing, refer to drawings

Selected spouting

Selected fascia

Selected soffit lining

Timber eaves moulding

16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays – Installation" and NCC requirements

Selected external wall frame thermal break R2.0 minimum to NCC requirements

Fixing, selection as below

FIXING

Screw fixing (Simpson Strong-Tie WSCBGA158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Roof structure in accordance with drawings

Wall lining or ceiling lining

0.55-1.6BMT steel wall framing, minimum 35mm wide studs at 600crs max to NASH standard

Eave - Section Detail (Steel)

1 : 5

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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Eave - Section Detail



150mm

100

50

10mm

0

Selected roofing, refer to drawings

Selected fascia

Selected soffit lining

Timber eaves moulding

16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays – Installation" and NCC requirements

Selected external wall frame thermal break R2.0 minimum to NCC requirements

Fixing, selection as below

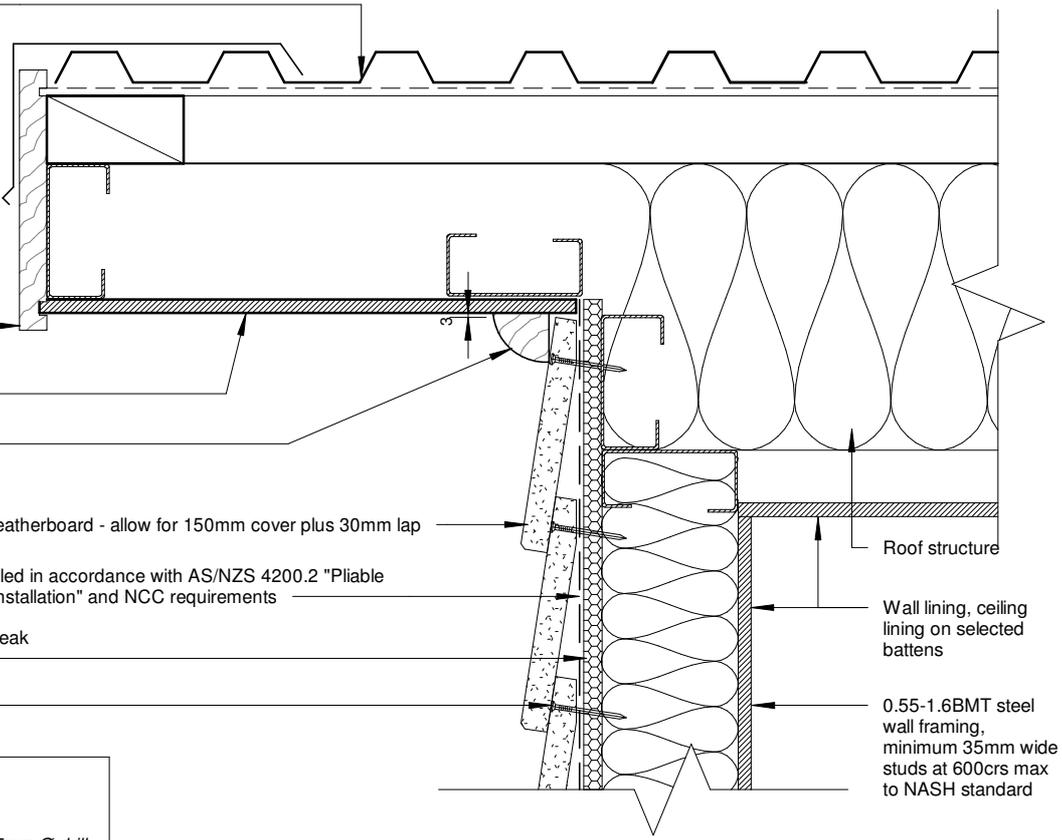
FIXING

Screw fixing (Simpson Strong-Tie WSCBGA158SA)

NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Barge - Sectional (Steel)

1 : 5



Roof structure

Wall lining, ceiling lining on selected battens

0.55-1.6BMT steel wall framing, minimum 35mm wide studs at 600crs max to NASH standard

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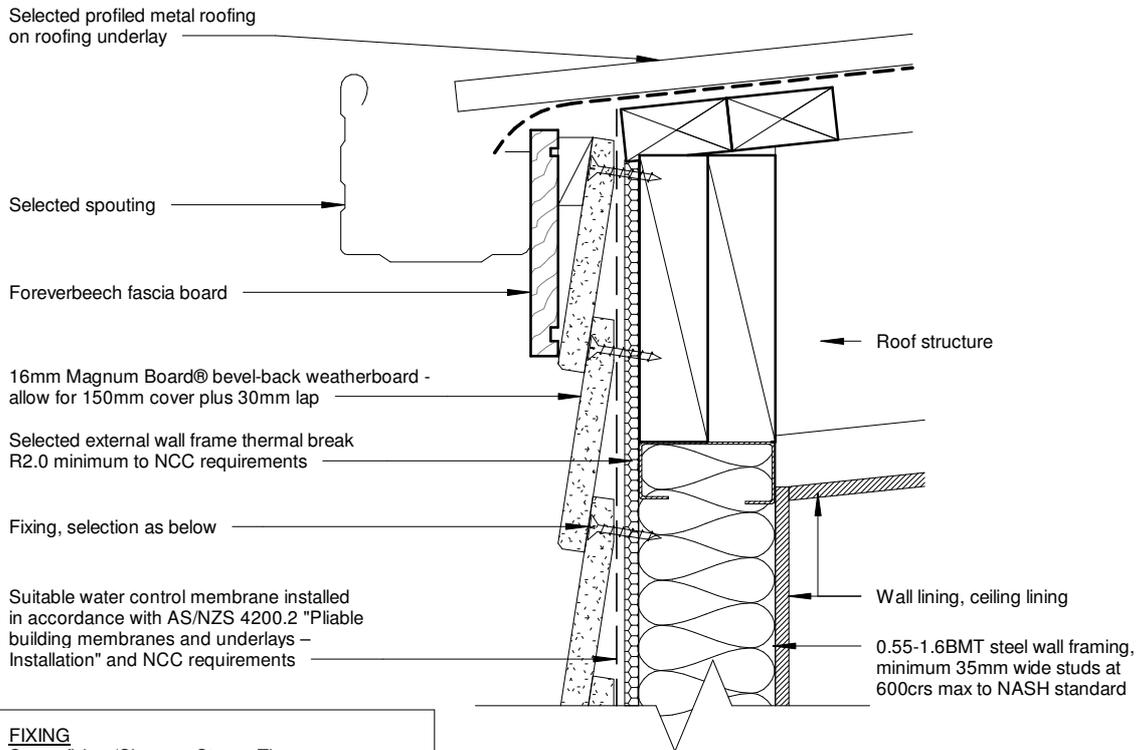


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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Barge - Section Detail

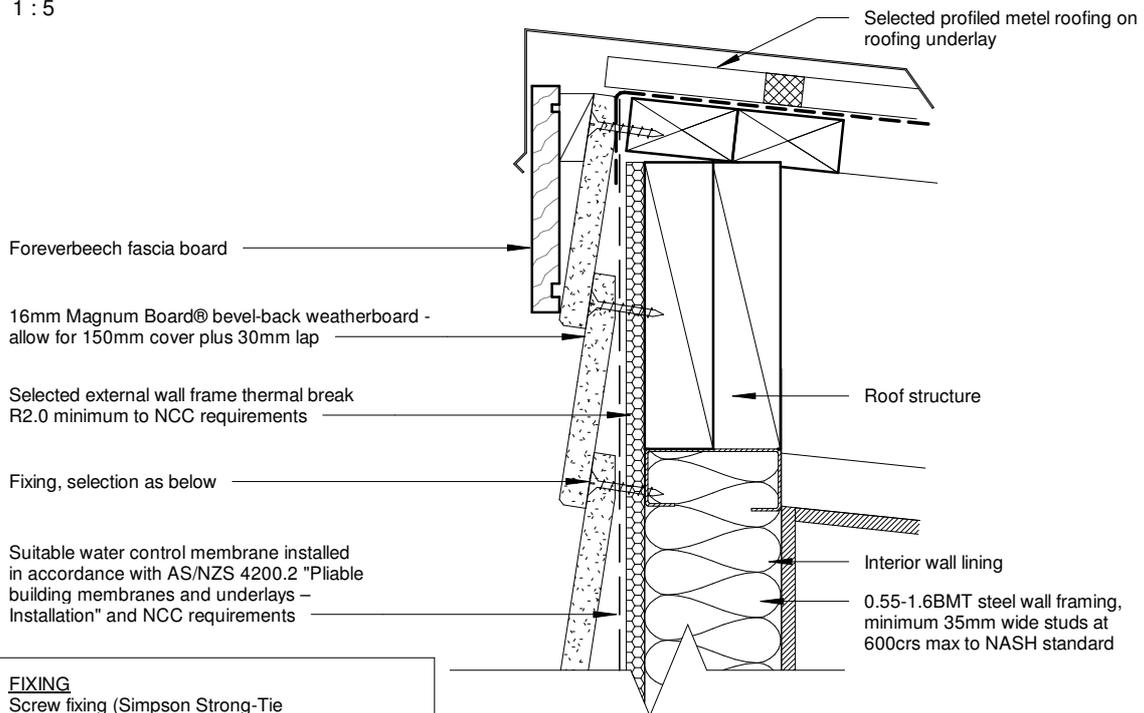




FIXING
 Screw fixing (Simpson Strong-Tie WSCBGA158SA)
 NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Barge - No Soffit Detail (Steel)

1 : 5



FIXING
 Screw fixing (Simpson Strong-Tie WSCBGA158SA)
 NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Roof - Wall Ridge - Section Detail (Steel)

1 : 5

150mm
100
50
10mm
0

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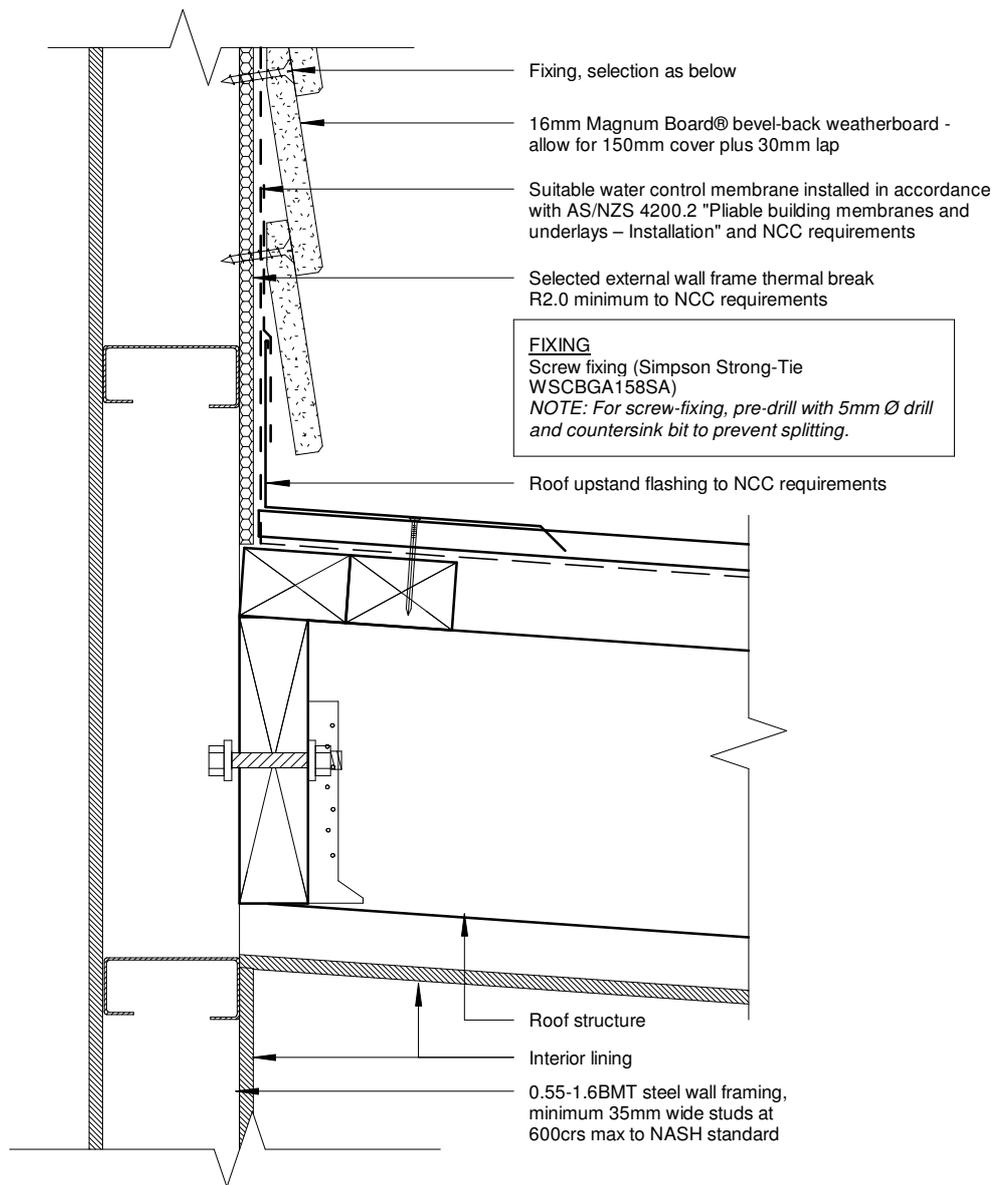


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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Roof - Wall Ridge - Section Detail





Canopy Junction - Section Detail (Steel)

1 : 5

150mm

100

50

10mm

0

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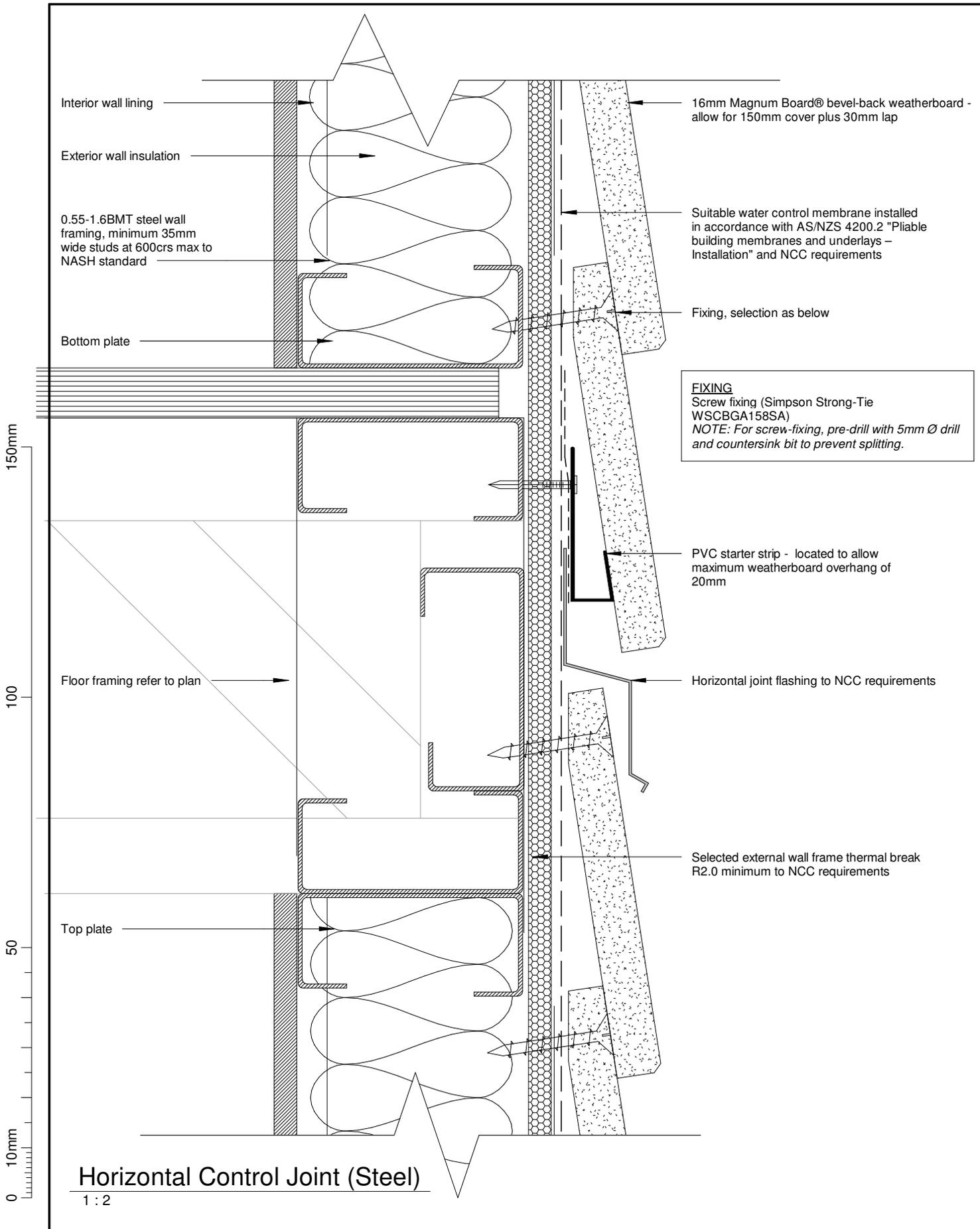


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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Canopy Junction - Section Detail





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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Horizontal Control Joint



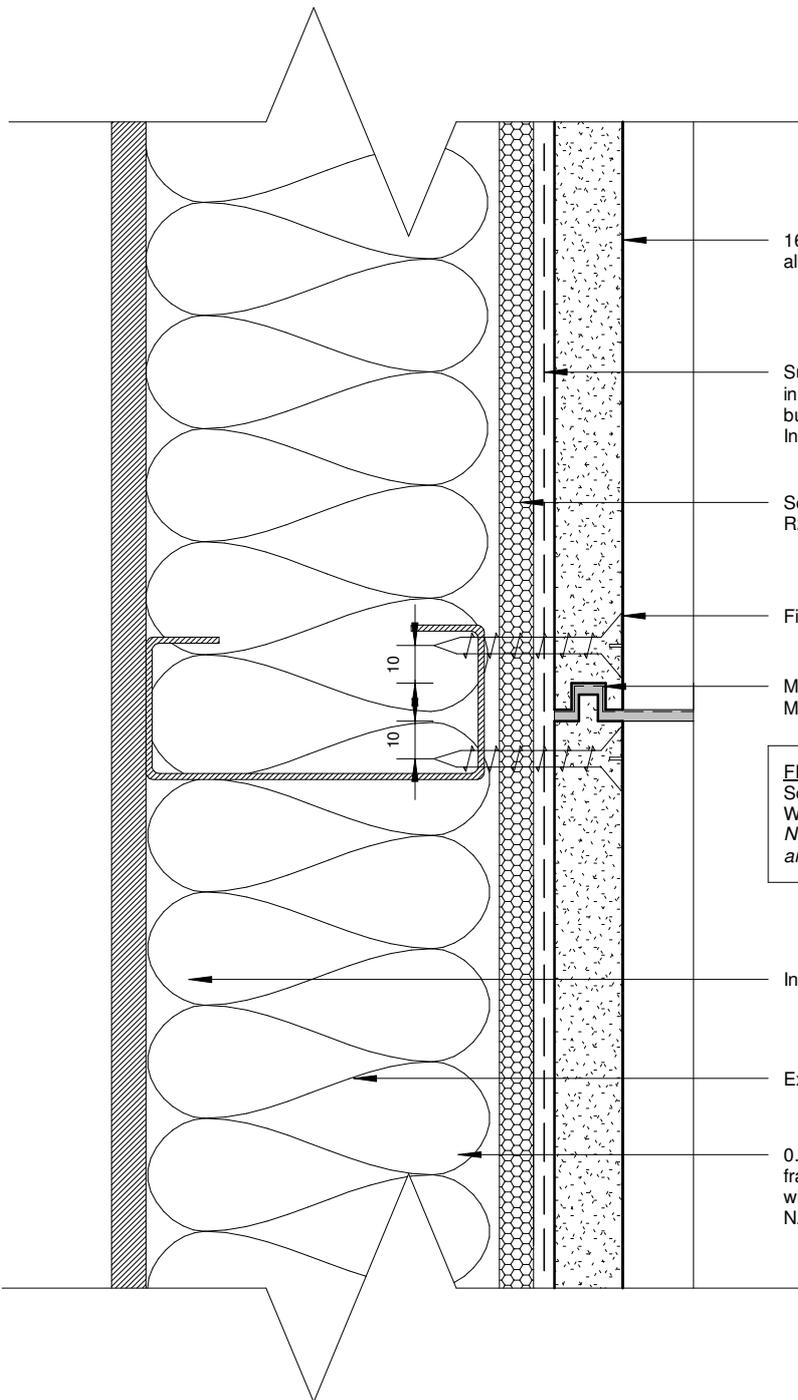
150mm

100

50

0 10mm

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16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements

Selected external wall frame thermal break R2.0 minimum to NCC requirements

Fixing, selection as below

Magnum Board® Weather Board - allow to apply Mapei Mapeflux PU45 adhesive only to T&G ends

FIXING
 Screw fixing (Simpson Strong-Tie WSCBGA158SA)
 NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Interior wall lining

Exterior wall insulation

0.55-1.6BMT steel wall framing, minimum 35mm wide studs at 600cra max to NASH standard

Vertical Joint on Stud (Steel)
1:2



16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Fixing, selection as below

Selected external wall frame thermal break R2.0 minimum to NCC requirements

PVC starter strip - located to allow maximum weatherboard overhang of 20mm

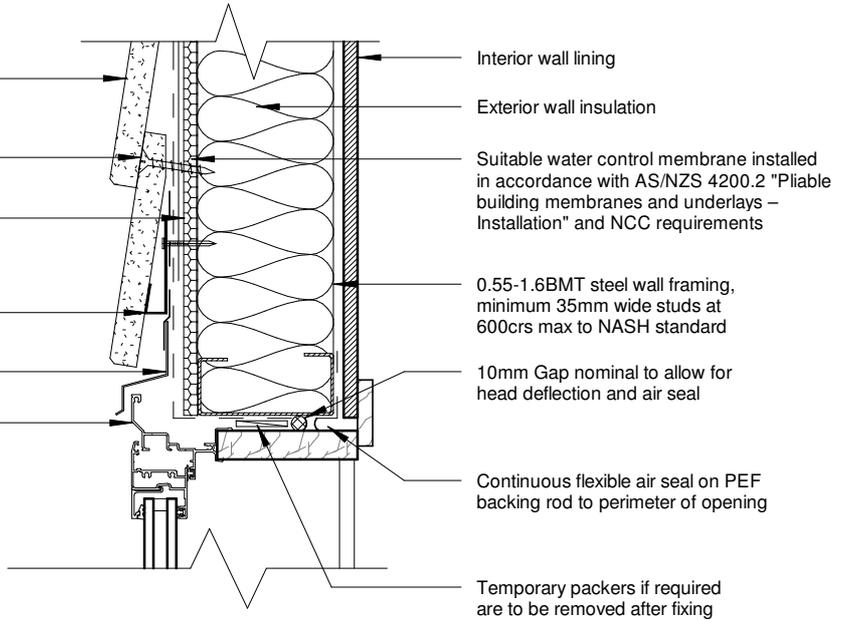
Flashing to NCC requirements

Selected aluminium joinery

FIXING

Screw fixing (Simpson Strong-Tie WSCBGA158SA)

NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.



Interior wall lining

Exterior wall insulation

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements

0.55-1.6BMT steel wall framing, minimum 35mm wide studs at 600crs max to NASH standard

10mm Gap nominal to allow for head deflection and air seal

Continuous flexible air seal on PEF backing rod to perimeter of opening

Temporary packers if required are to be removed after fixing

Typical Head Detail (Steel)

1 : 5

150mm

Selected aluminium joinery

Sill flashing to extend behind line of aluminium frame, with 8mm min. upstand to back and sloping end dams.

Flashing to NCC requirements

16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Selected external wall frame thermal break R2.0 minimum to NCC requirements

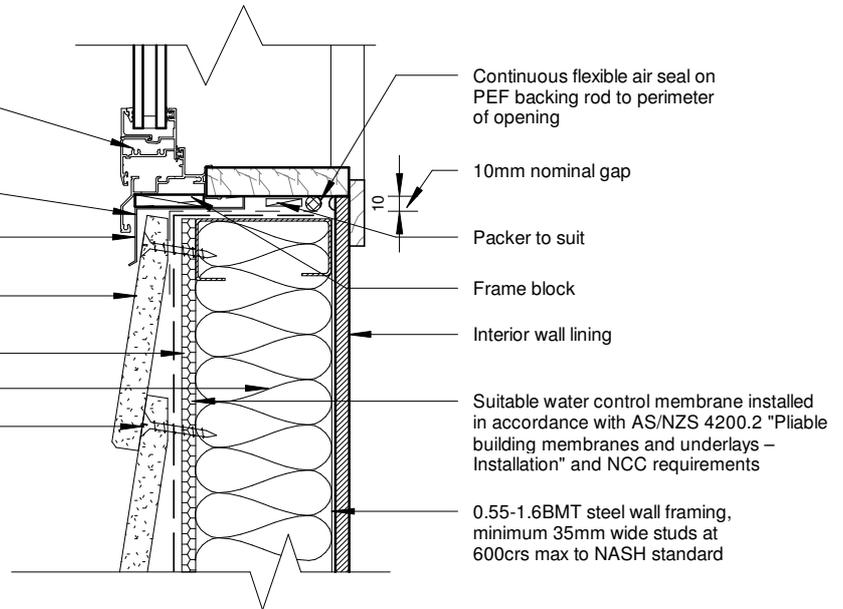
Exterior wall insulation

Fixing, selection as below

FIXING

Screw fixing (Simpson Strong-Tie WSCBGA158SA)

NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.



Continuous flexible air seal on PEF backing rod to perimeter of opening

10mm nominal gap

Packer to suit

Frame block

Interior wall lining

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements

0.55-1.6BMT steel wall framing, minimum 35mm wide studs at 600crs max to NASH standard

Typical Sill Detail (Steel)

1 : 5

50

10mm

0

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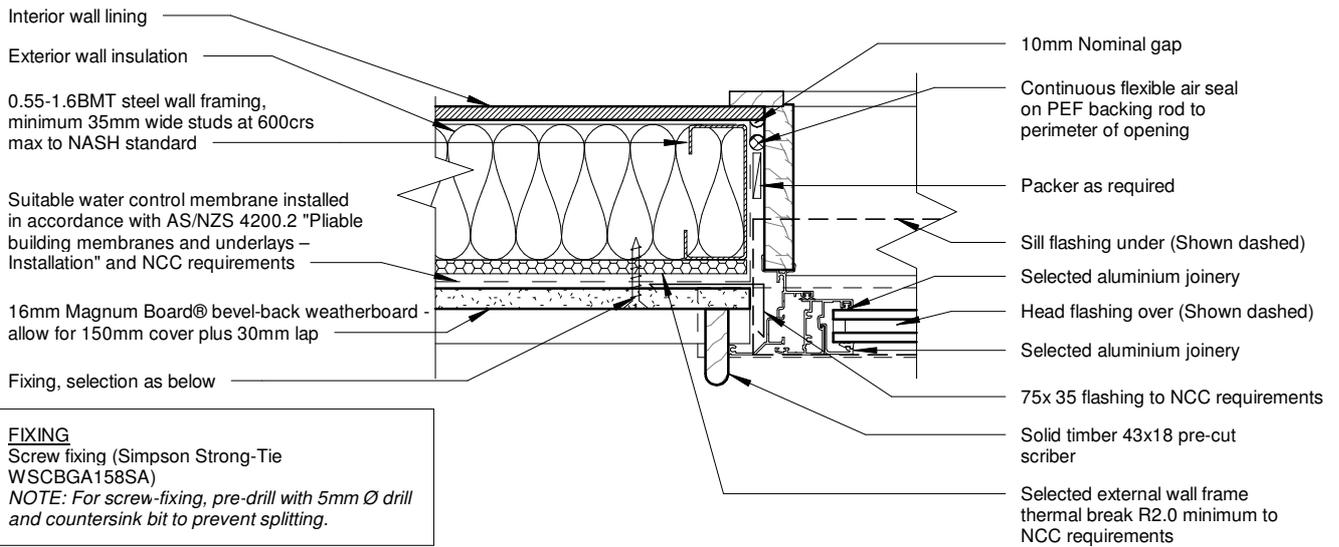


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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Typical Head and Sill Detail





FIXING
 Screw fixing (Simpson Strong-Tie WSCBGA158SA)
 NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.

Typical Jamb Detail (Steel)

1 : 5



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 Health Based Building Magnum Board 16mm Weatherboard Direct Fix
 Typical Jamb Detail



16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements

Clear MS sealant to top half of flange

Powder coated flange plate

Clear MS sealant 10mm wide x 6mm
Deep sealant on bond breaker

Fixing, selection as below

Selected external wall frame thermal break R2.0 minimum to NCC requirements

Proprietary rubber collar, installed to manufacturer specifications

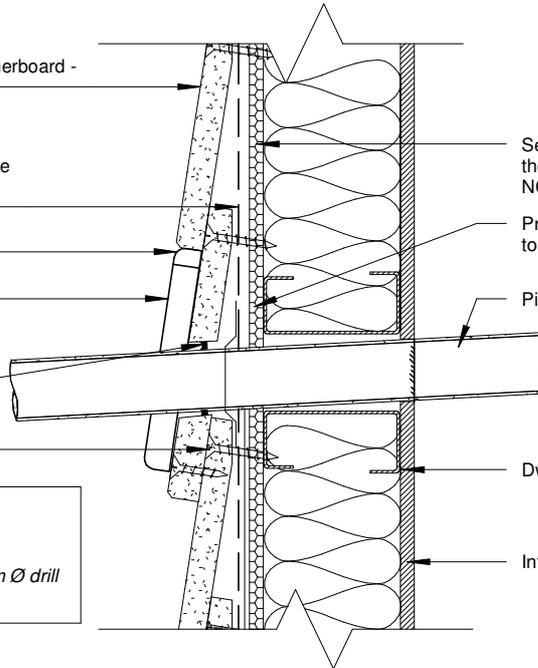
Pipe penetration sloping to outside

Dwang/nog around penetration

Internal wall lining

FIXING

Screw fixing (Simpson Strong-Tie WSCBGA158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.



Pipe Penetration Section Detail (Steel)

1 : 5

Suitable water control membrane installed in accordance with AS/NZS 4200.2 "Pliable building membranes and underlays - Installation" and NCC requirements

0.55-1.6BMT steel wall framing, minimum 35mm wide studs at 600crs max to NASH standard

Fixing, selection as below

Clear MS sealant to top half of flange

Powdercoated aluminium flange plate

Internal wall lining

Support pipe with a nog under and screw fixed strap over

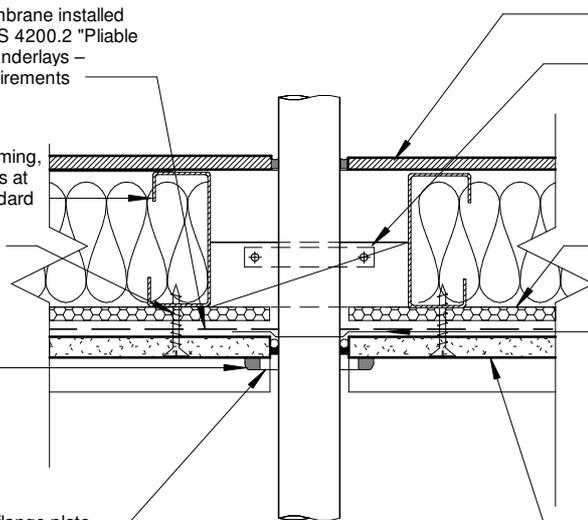
Selected external wall frame thermal break R2.0 minimum to NCC requirements

Proprietary rubber collar, installed to manufacturer specifications

16mm Magnum Board® bevel-back weatherboard - allow for 150mm cover plus 30mm lap

FIXING

Screw fixing (Simpson Strong-Tie WSCBGA158SA)
NOTE: For screw-fixing, pre-drill with 5mm Ø drill and countersink bit to prevent splitting.



Pipe Penetration Plan Detail (Steel)

1 : 5

150mm

100

50

10mm

0

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Health Based Building Magnum Board 16mm Weatherboard Direct Fix

Pipe Penetration - Plan & Section Detail

