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 Unit 6, 8 Beaconsfield Street  
Fyshwick, ACT, 2609



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# ProClima Installation Guides



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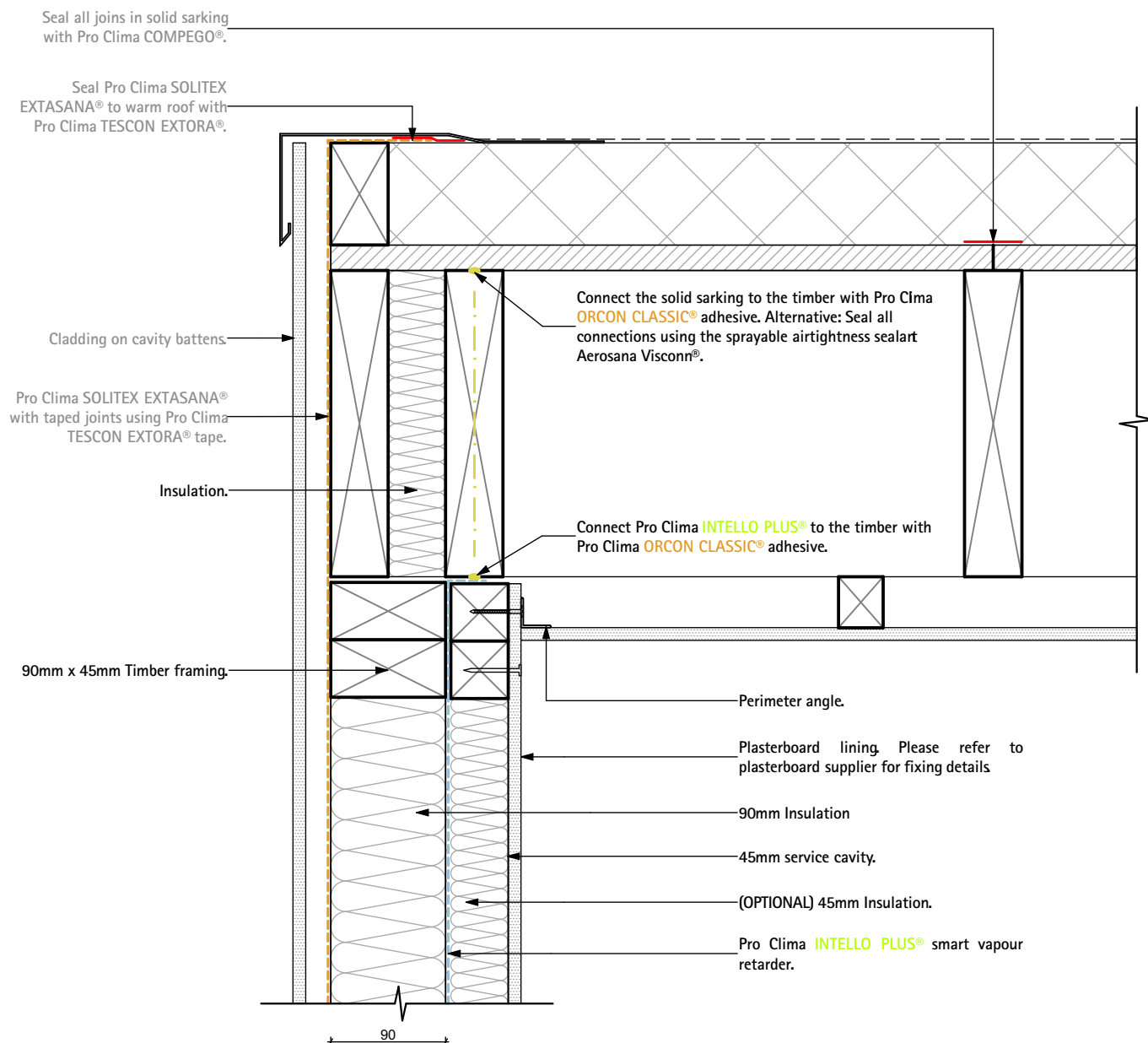
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# A1311 Pro Clima Roof Warm Roof Detail

Barge – Plattformframing



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This drawing is subject to Regional Climate should be confirmed by hygrothermal analysis using software e.g. WUFI.



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Title:

**Roof Warm Roof Detail**

Scale: 1:5  
Revision: D  
Issued: 06-03-2019

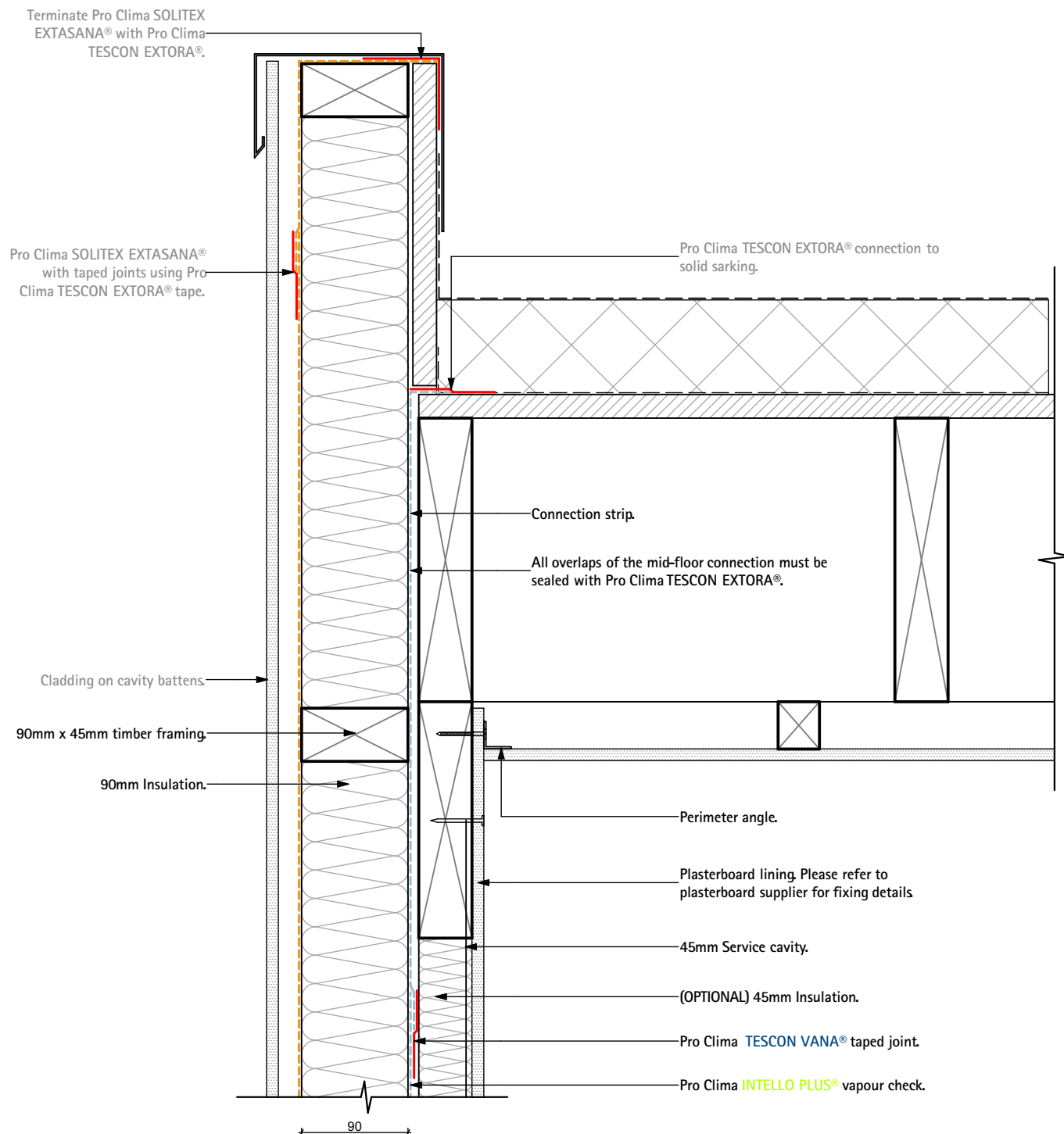
Detail  
Number:

**A1311**

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# A1312 Pro Clima Roof Warm Roof Detail

## Parapet – Balloon Framing



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NOTE: Connection Strip must be installed during framing stage.



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Title:

**Roof Warm Roof Detail**

Scale: 1:5  
Revision: D  
Issued: 06-03-2019

Detail  
Number:

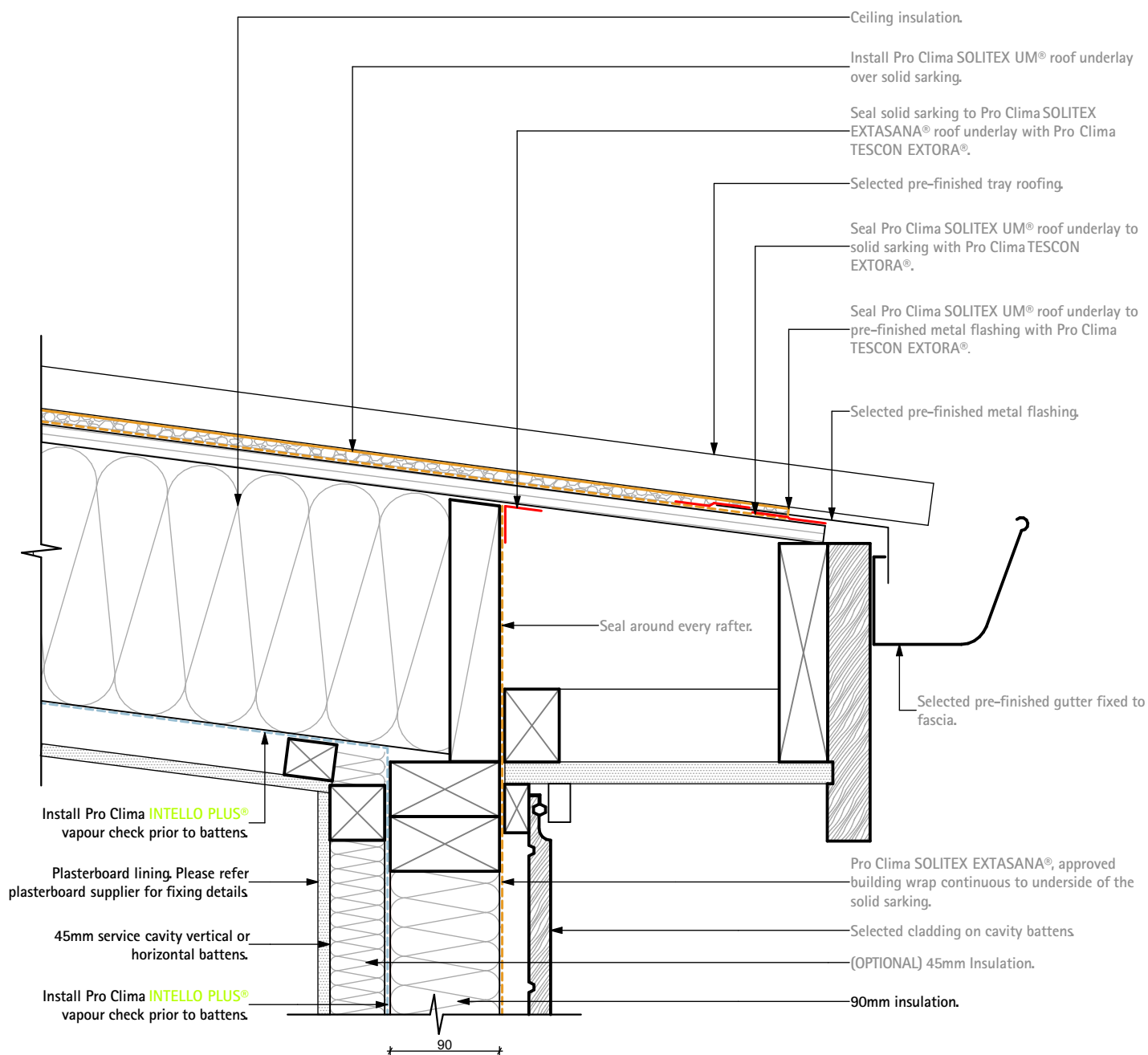
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# A1133 Pro Clima Skillion Eave Detail

## Solid Sarking



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Title:  
**Skillion Eave Detail**

Scale: 1:5  
Revision: D  
Issued: 06-03-2019

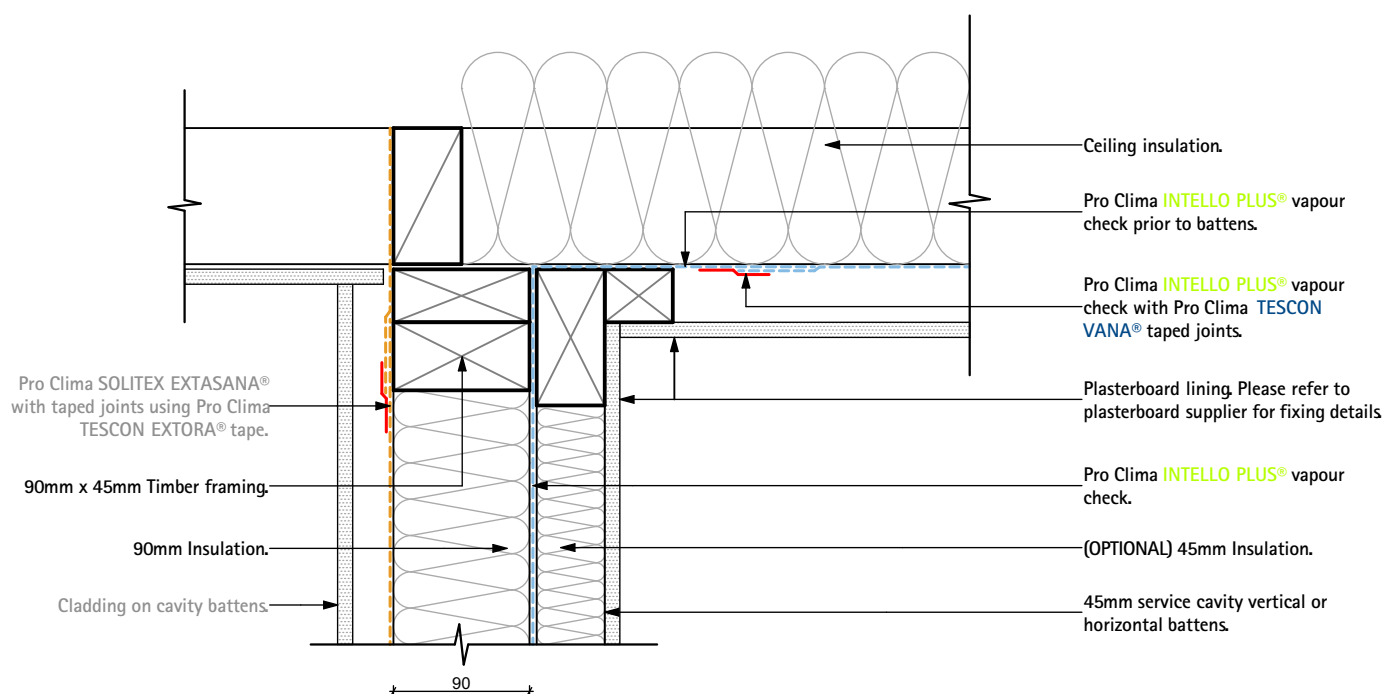
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# A2111 Pro Clima Ceiling Timber Batten Detail

Typical vertical 90mm wall – Ceiling junction with 45mm service cavity



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Web: [www.proclima.co.nz](http://www.proclima.co.nz)

Title:

**Ceiling Timber Batten Detail**

Scale: 1:5  
Revision: D  
Issued: 06-03-2019

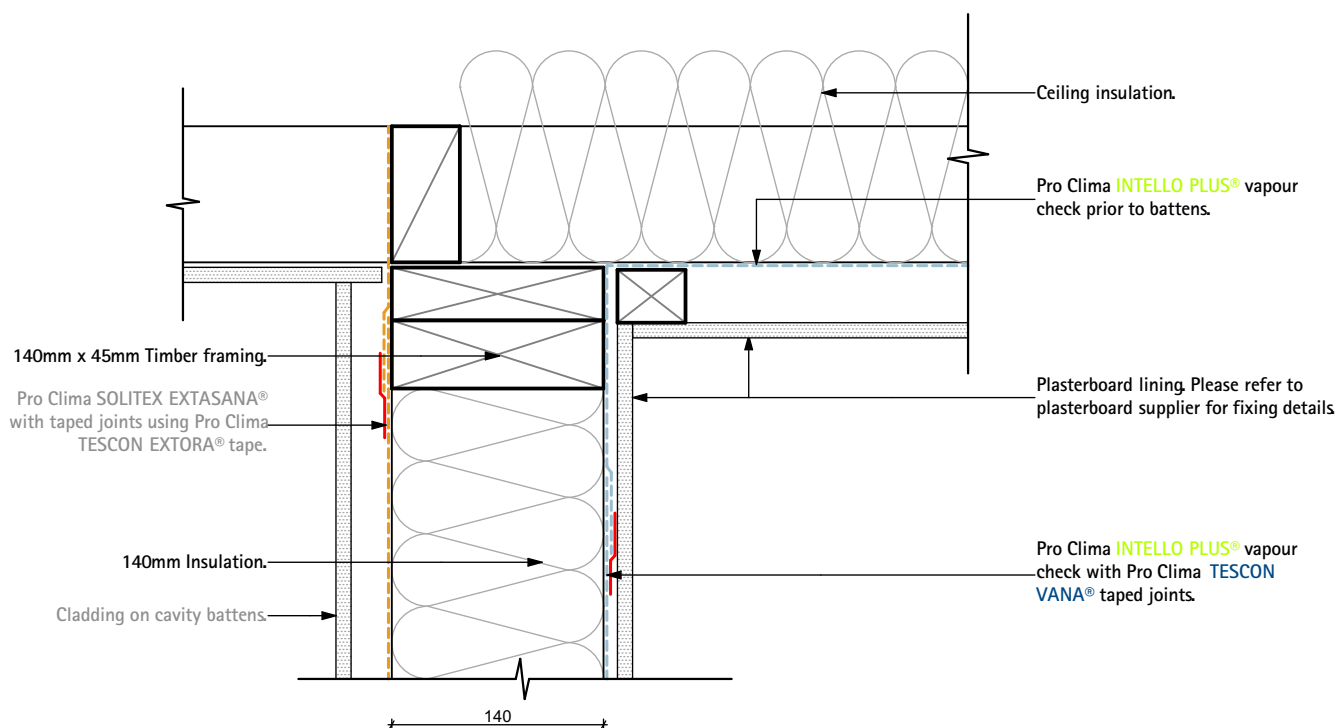
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Number:

**A2111**

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# A2112 Pro Clima Ceiling Timber Batten Detail

Typical vertical 140mm wall - Ceiling junction



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Title:

**Ceiling Timber Batten Detail**

Scale: 1:5  
Revision: D  
Issued: 06-03-2019

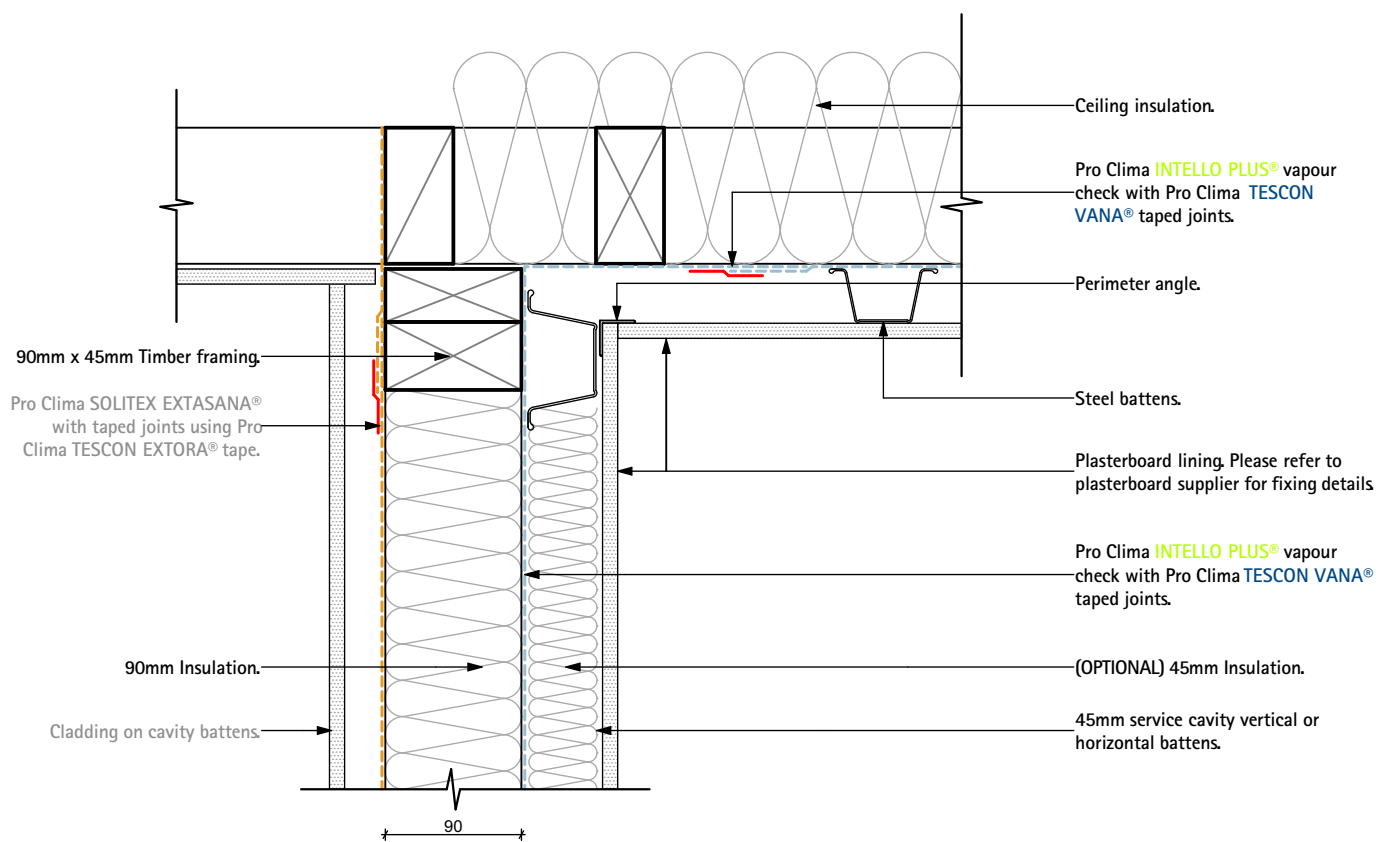
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**A2112**

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# A2121 Pro Clima Ceiling Steel Batten Detail

Typical vertical 90mm wall – Ceiling junction with 45mm service cavity



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Title:

**Ceiling Steel Batten Detail**

Scale: 1:5  
Revision: D  
Issued: 06-03-2019

Detail  
Number:

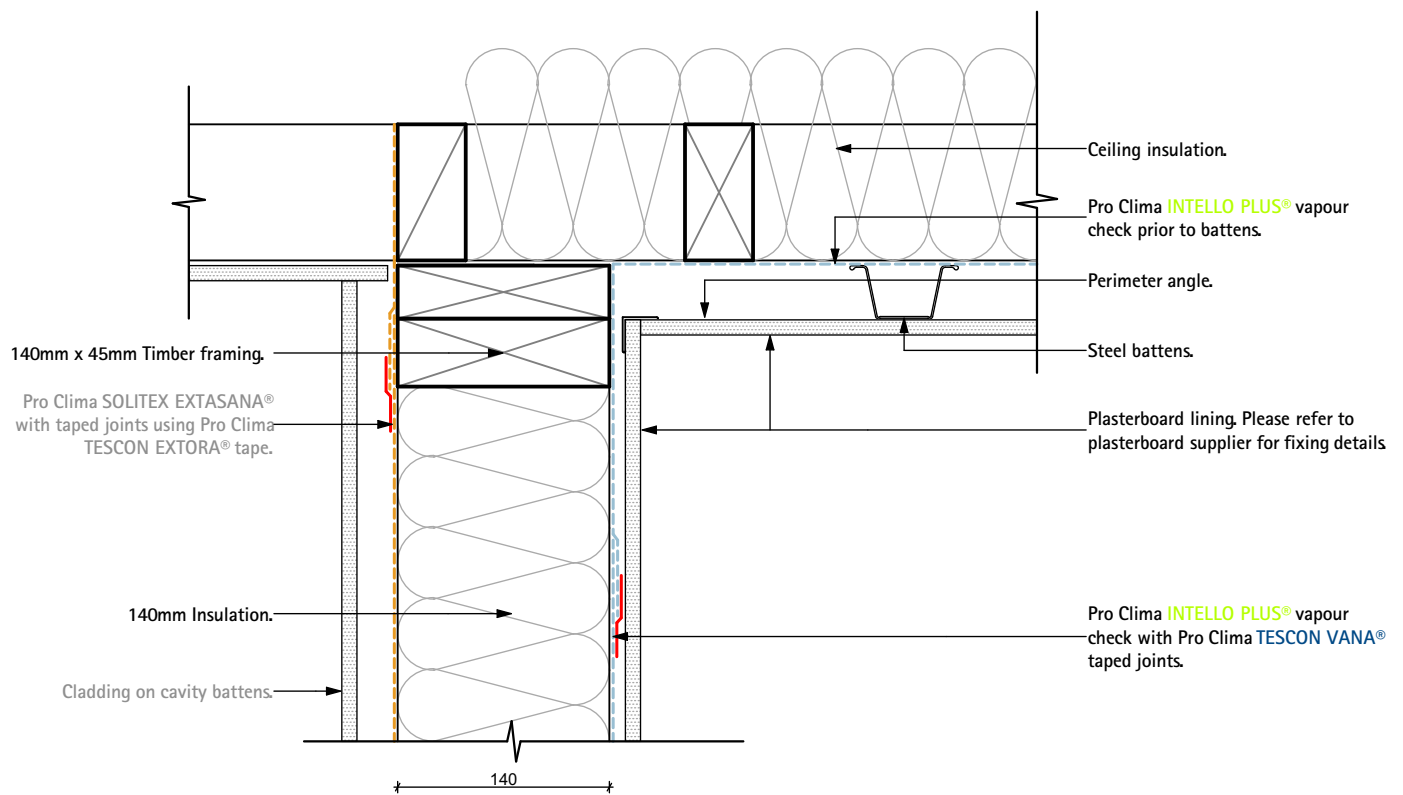
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# A2122 Pro Clima Ceiling Steel Batten Detail

Typical vertical 140mm wall – Ceiling junction, Direct Fix



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Title:

**Ceiling Steel Batten Detail**

Scale: 1:5  
Revision: D  
Issued: 06-03-2019

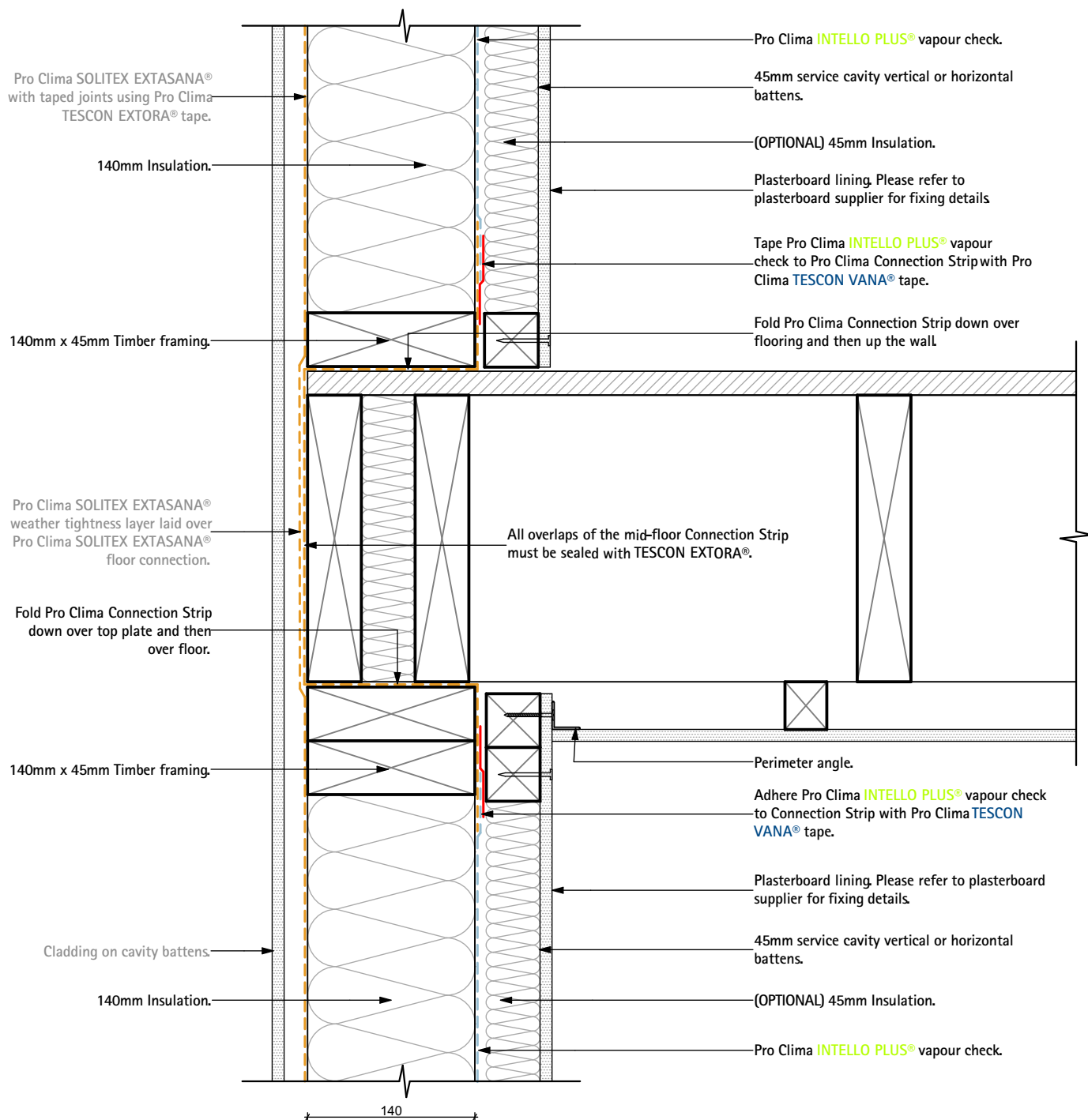
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# A2211 Pro Clima Ceiling Midfloor Detail

## Plattformframing



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**Ceiling Midfloor Detail**

Scale: 1:5  
Revision: D  
Issued: 06-03-2019

Detail  
Number:

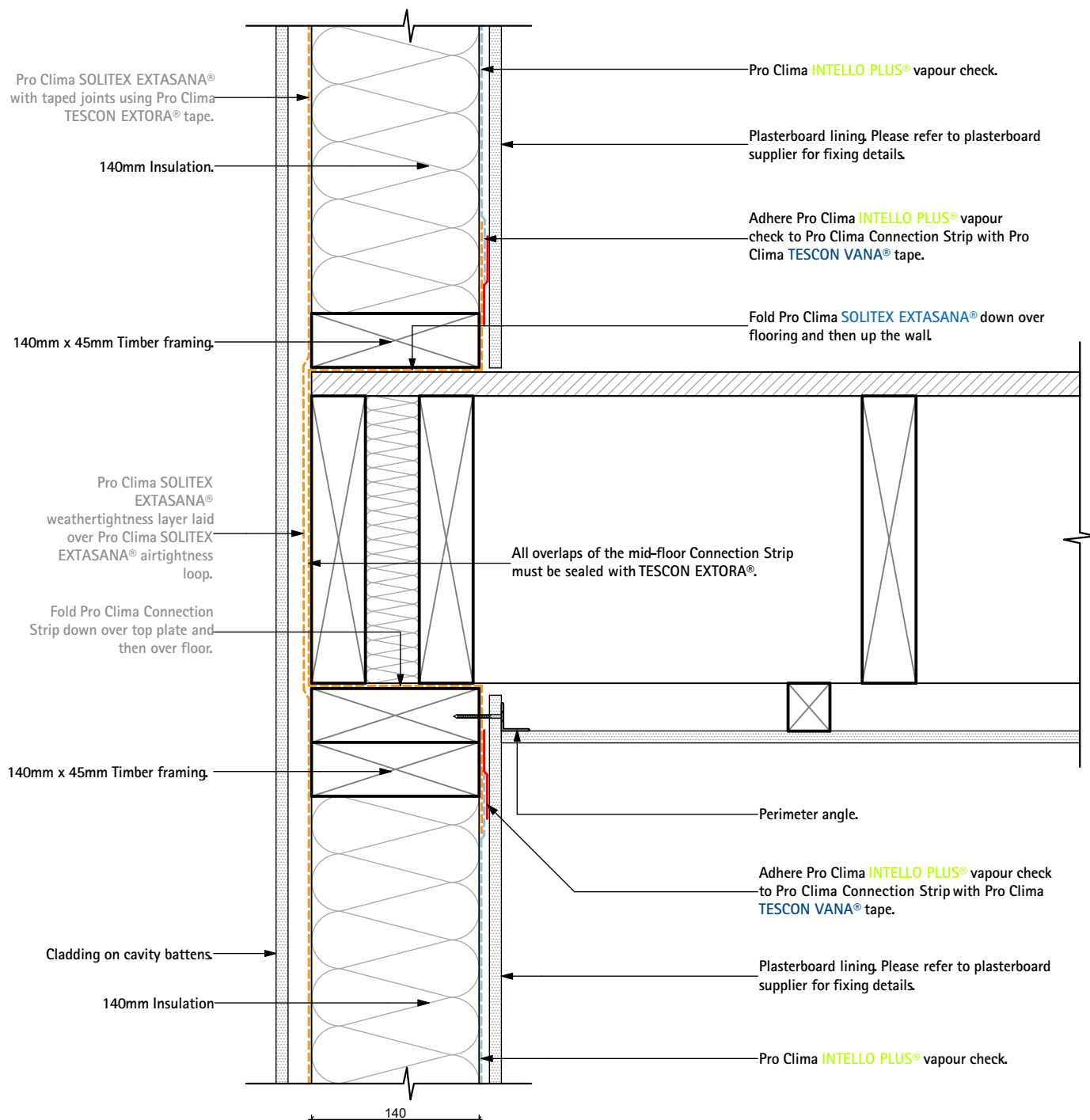
**A2211**

NOTE: Connection Strip must be installed during framing stage.

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# A2212 Pro Clima Ceiling Midfloor Detail

## Plattformframing



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Title:

**Ceiling Midfloor Detail**

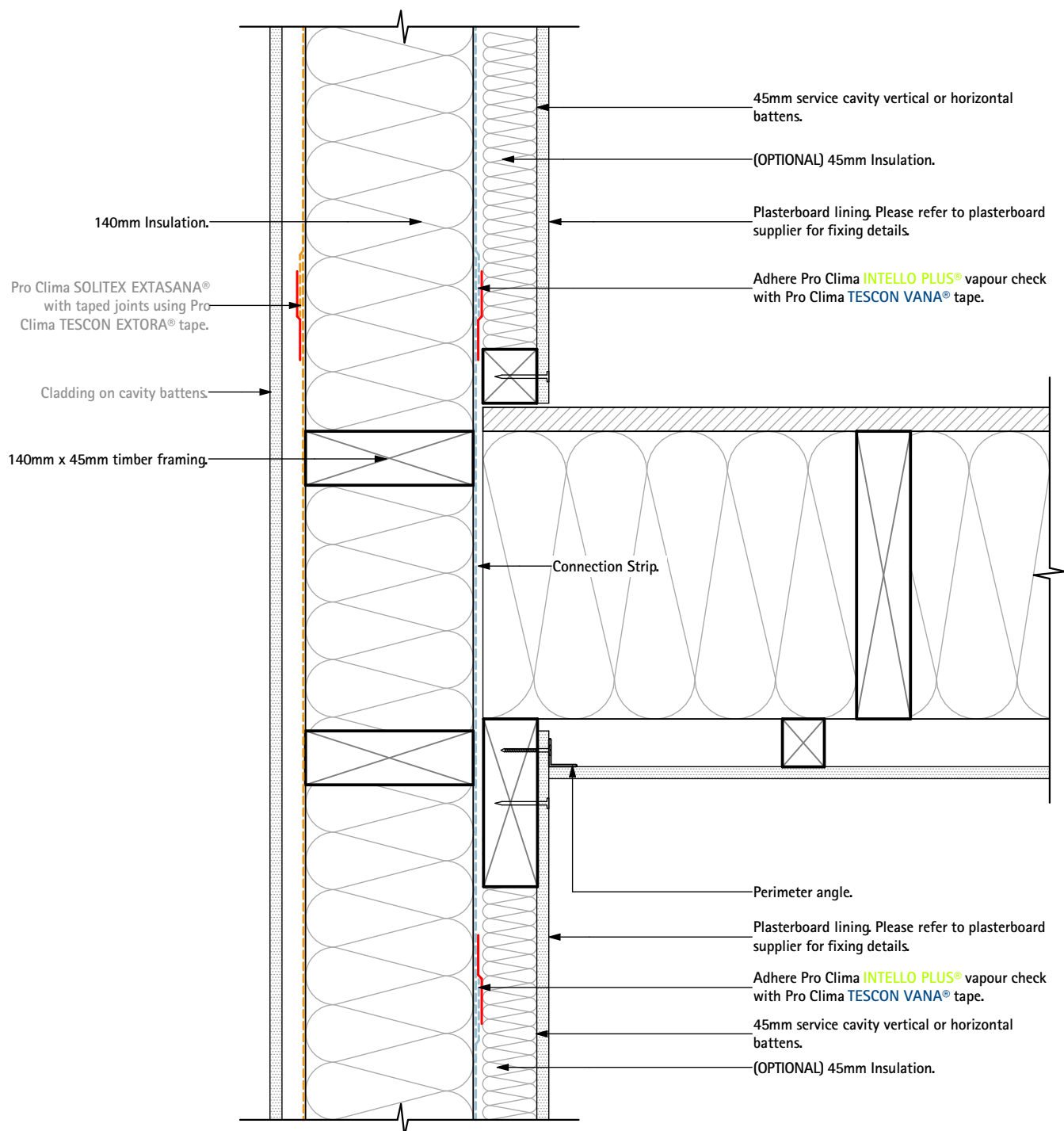
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Revision: D  
Issued: 06-03-2019

Detail  
Number:

**A2212**

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## A2213 Pro Clima Ceiling Midfloor Detail



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Title:  
Ceiling Midfloor Detail

Scale: 1:5  
Revision: D  
Issued: 06-03-2019

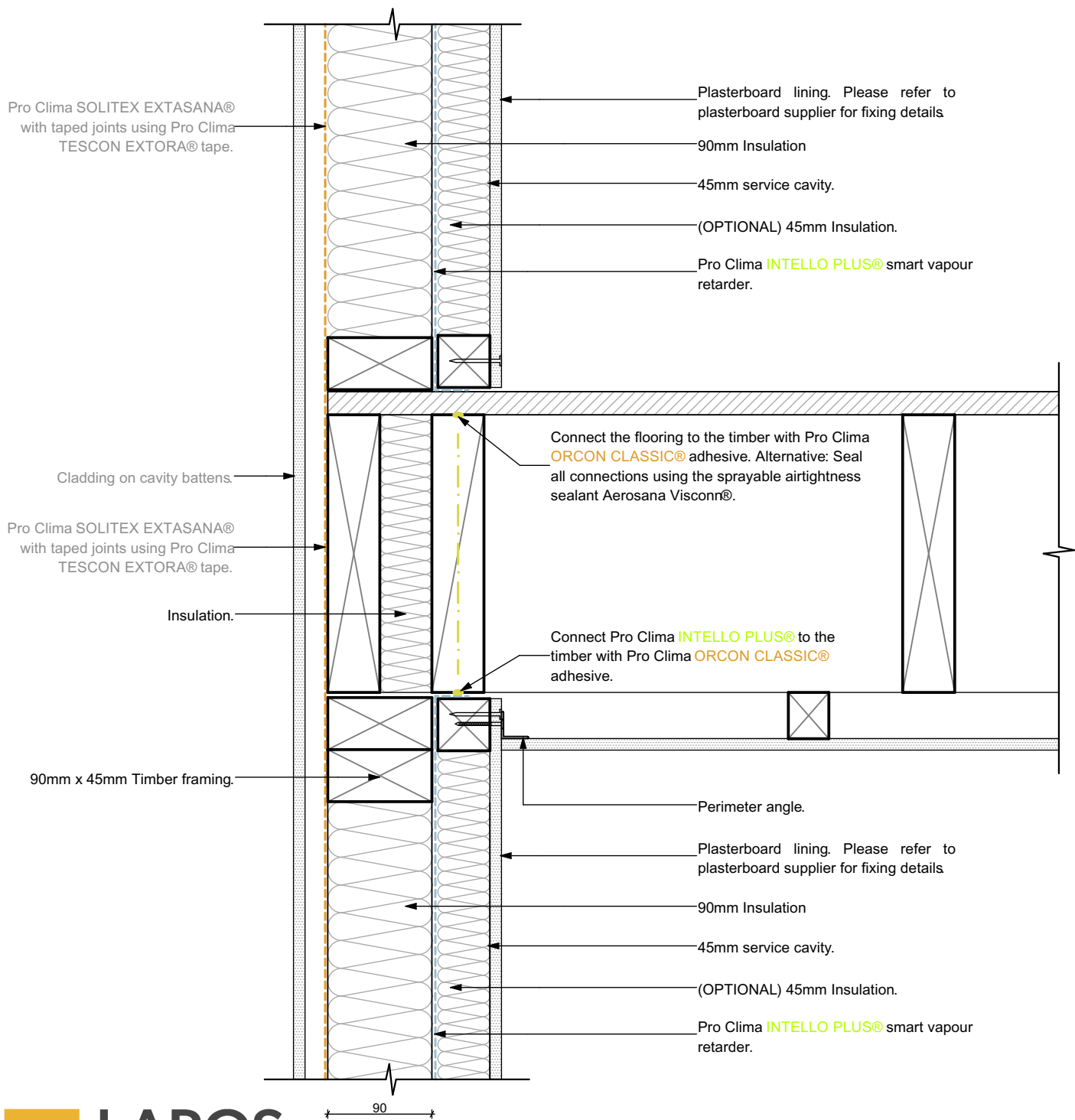
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# A2213

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# A2214 Pro Clima Ceiling Midfloor Detail



Title: Ceiling Midfloor Detail

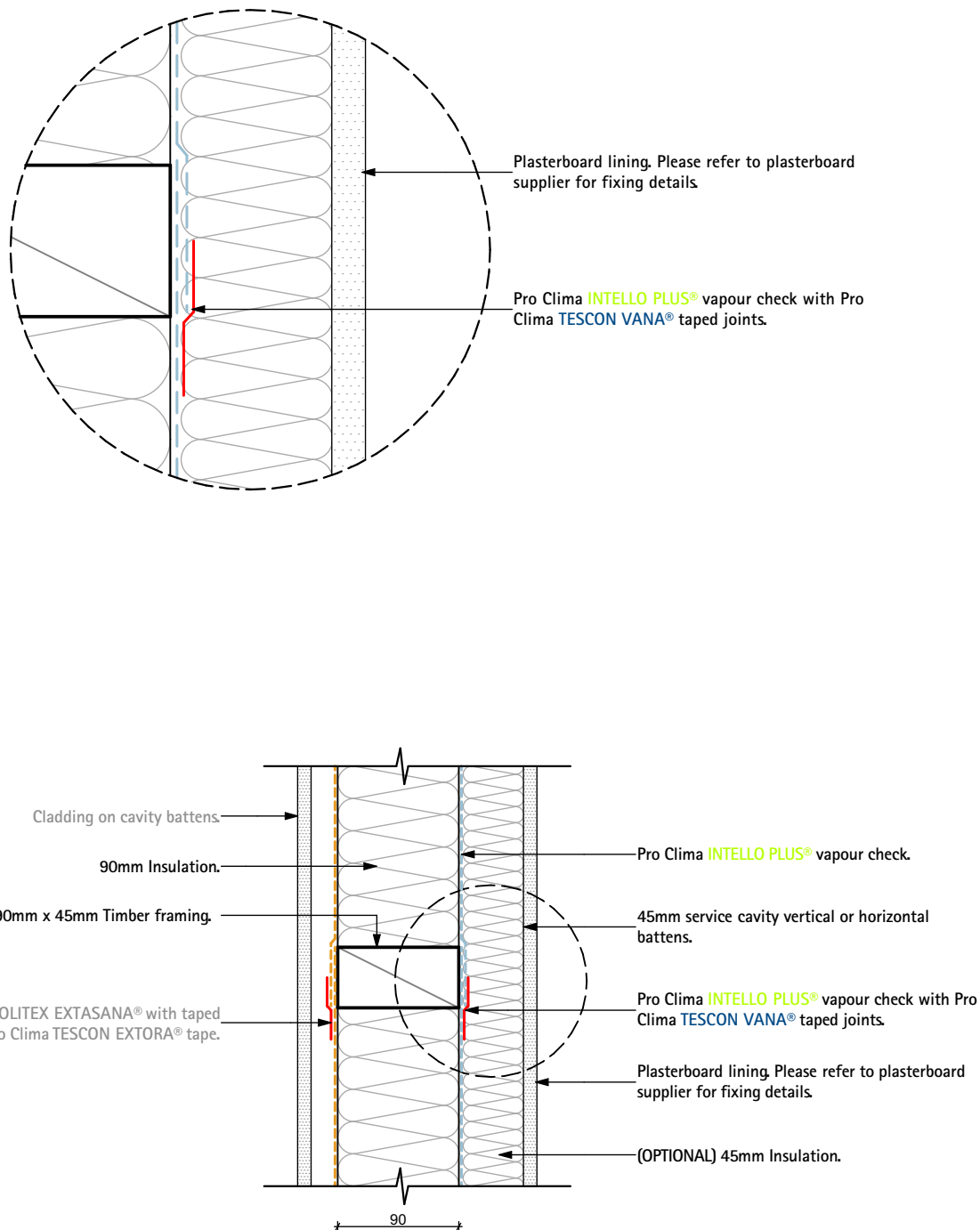
ID: A2214

Issued: 3/10/2019

Revision: D

# A3111 Pro Clima Wall Timber Framing Detail

Typical vertical 90mm wall section with 45mm service cavity



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Title:

**Wall Timber Framing Detail**

Scale: 1:2, 1:5  
Revision: D  
Issued: 06-03-2019

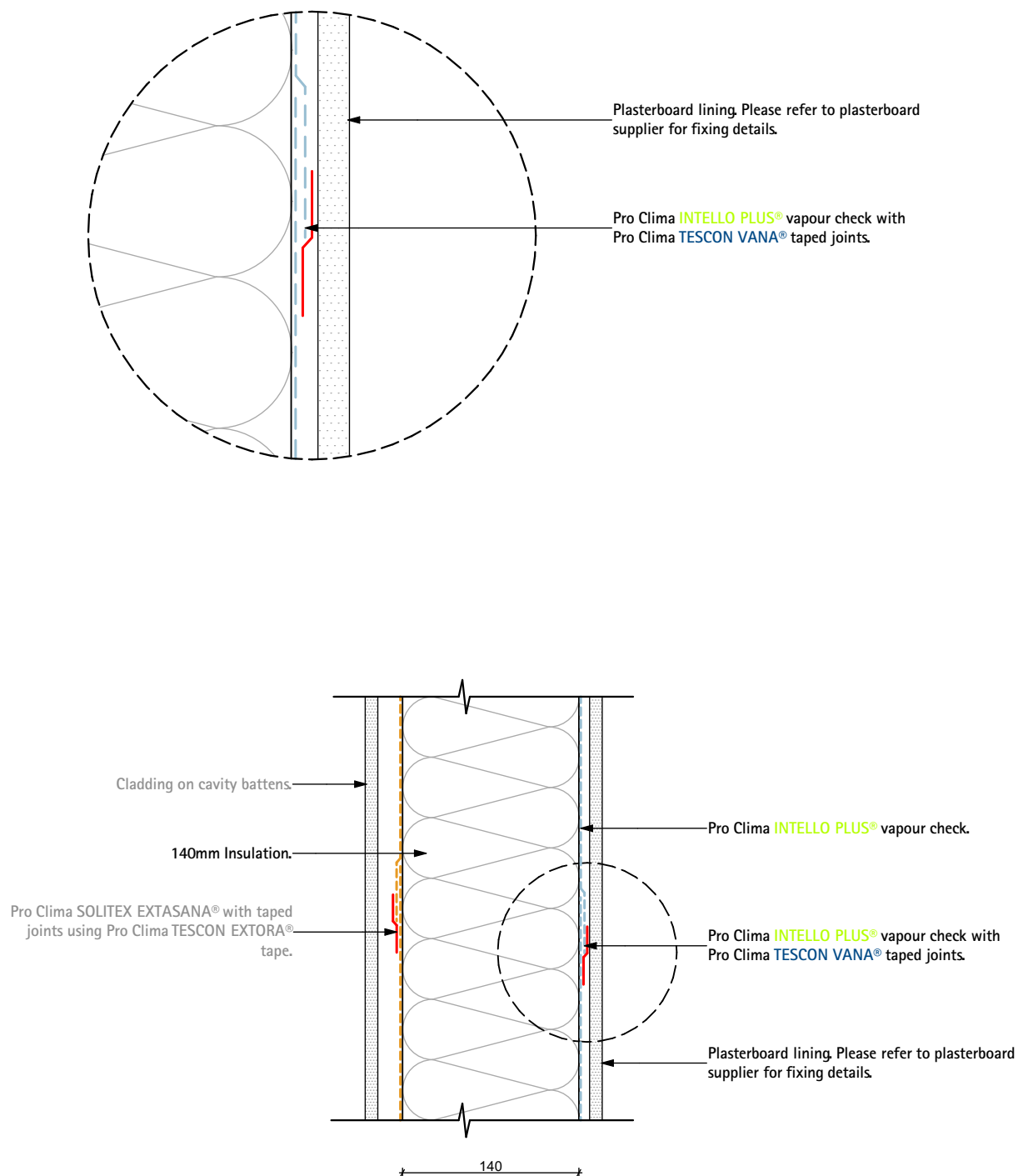
Detail  
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**A3111**

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# A3112 Pro Clima Wall Timber Framing Detail

Typical vertical 140mm wall section, direct fixing



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Title:

**Wall Timber Framing Detail**

Scale: 1:2, 1:5  
Revision: D  
Issued: 06-03-2019

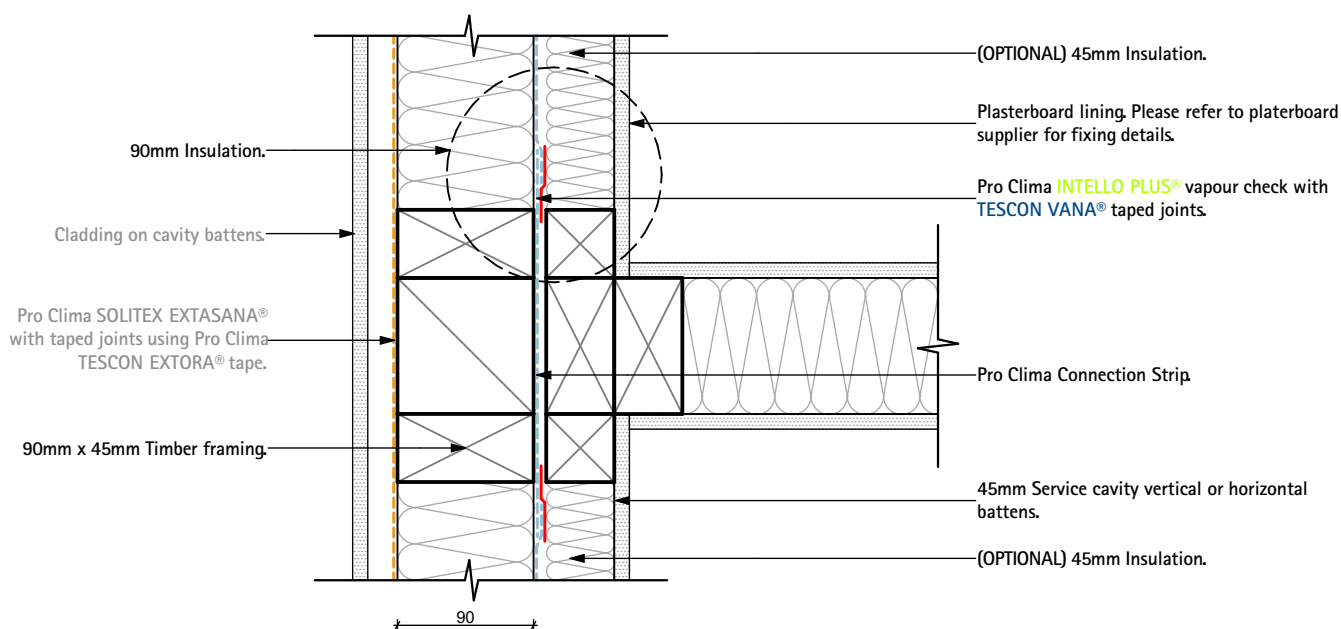
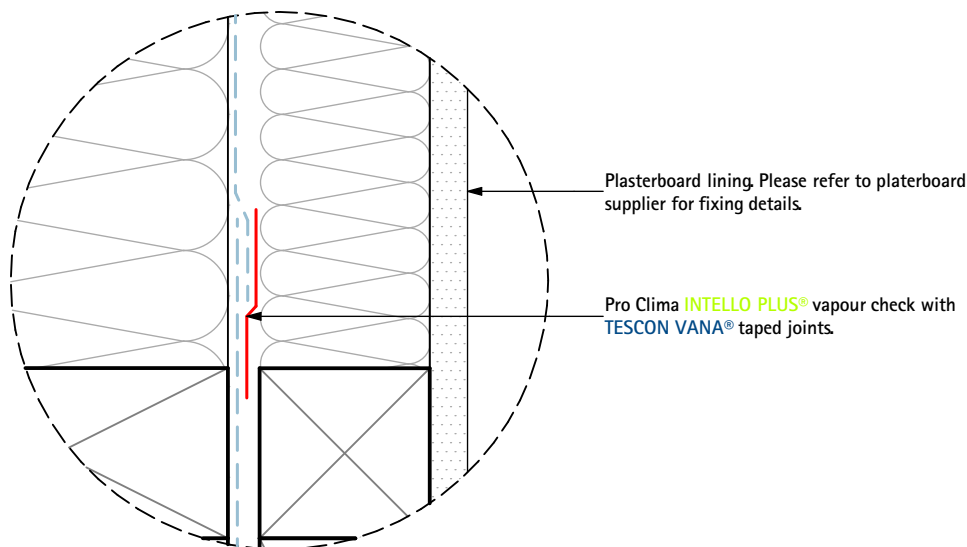
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**A3112**

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# A3113 Pro Clima Wall Timber Framing Detail

Connection strip 90mm wall section with 45mm service cavity



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Title:

**Wall Timber Framing Detail**

Scale: 1:5, 1:2  
Revision: D  
Issued: 06-03-2019

Detail  
Number:

**A3113**

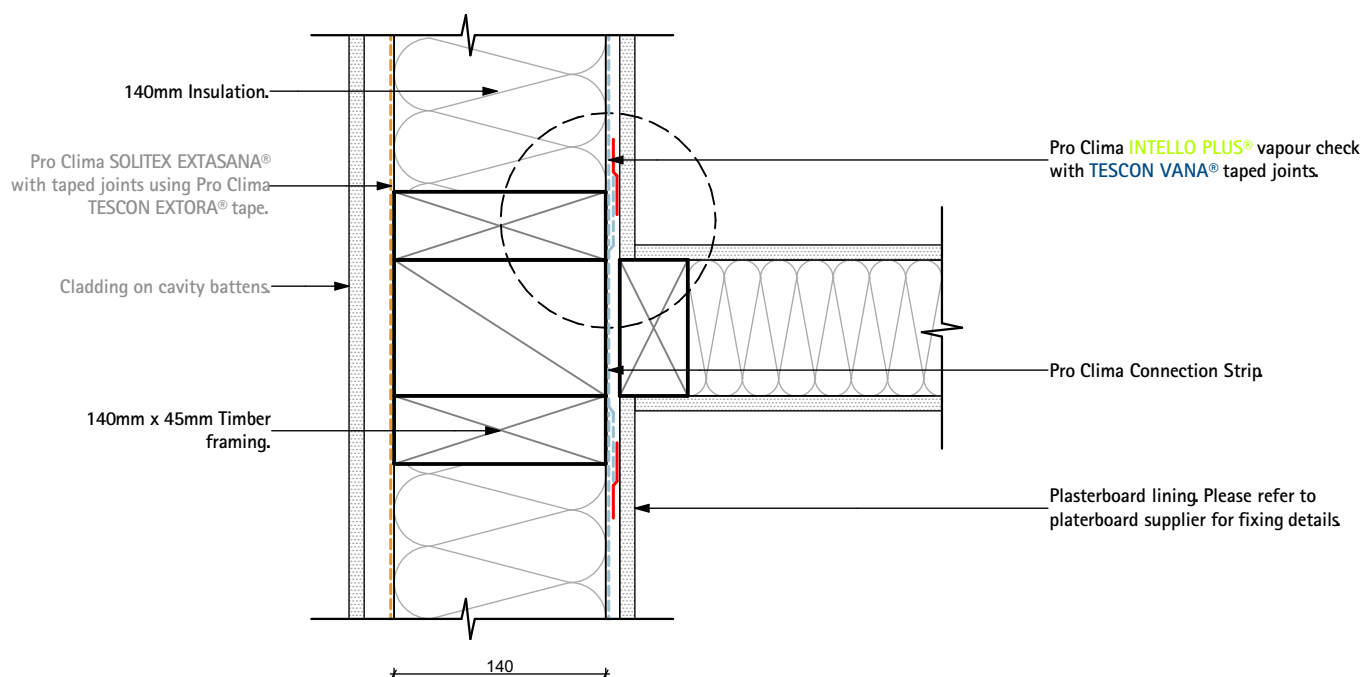
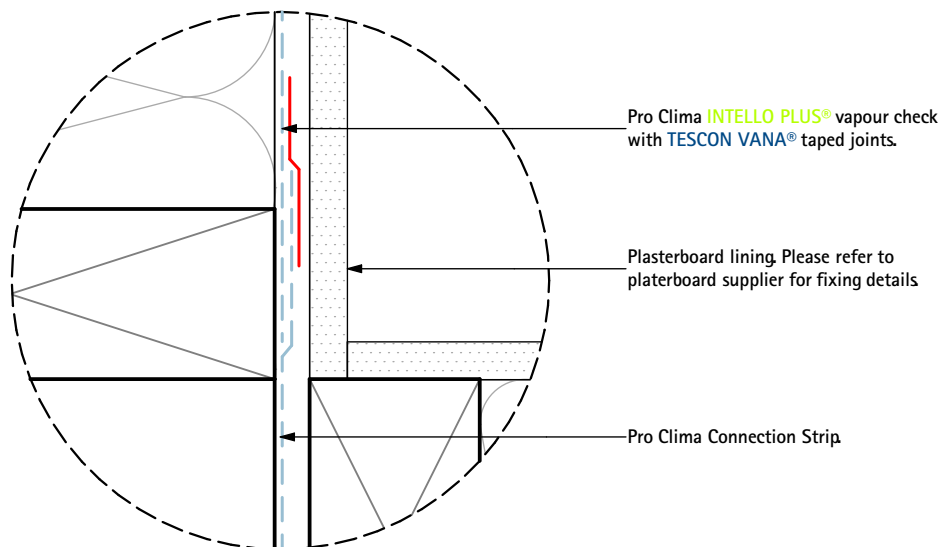
NOTE: Connection Strip must be installed during framing stage.

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# A3114 Pro Clima Wall Timber Framing Detail

Connection strip 140mm wall section, Direct fixing



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Title:

**Wall Timber Framing Detail**

Scale: 1:2, 1:5  
Revision: D  
Issued: 06-03-2019

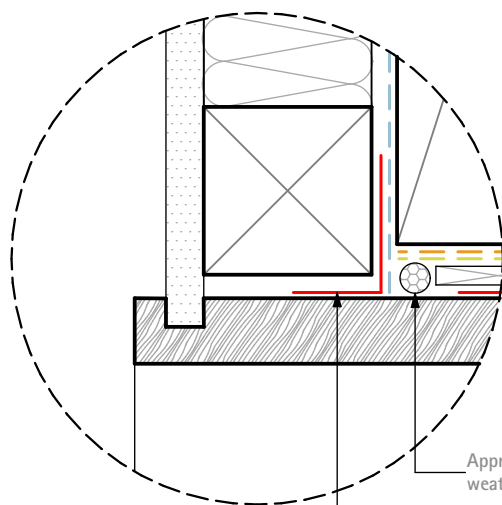
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**A3114**

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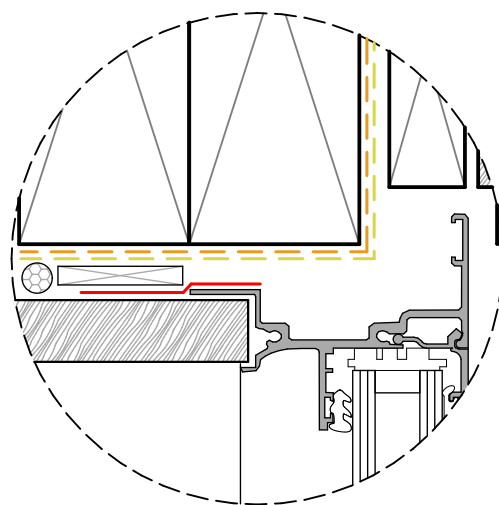
# A4211 Pro Clima Door / Window Joinery Aluminium Head Detail

Typical vertical 90mm wall – Window head detail with 45mm service cavity

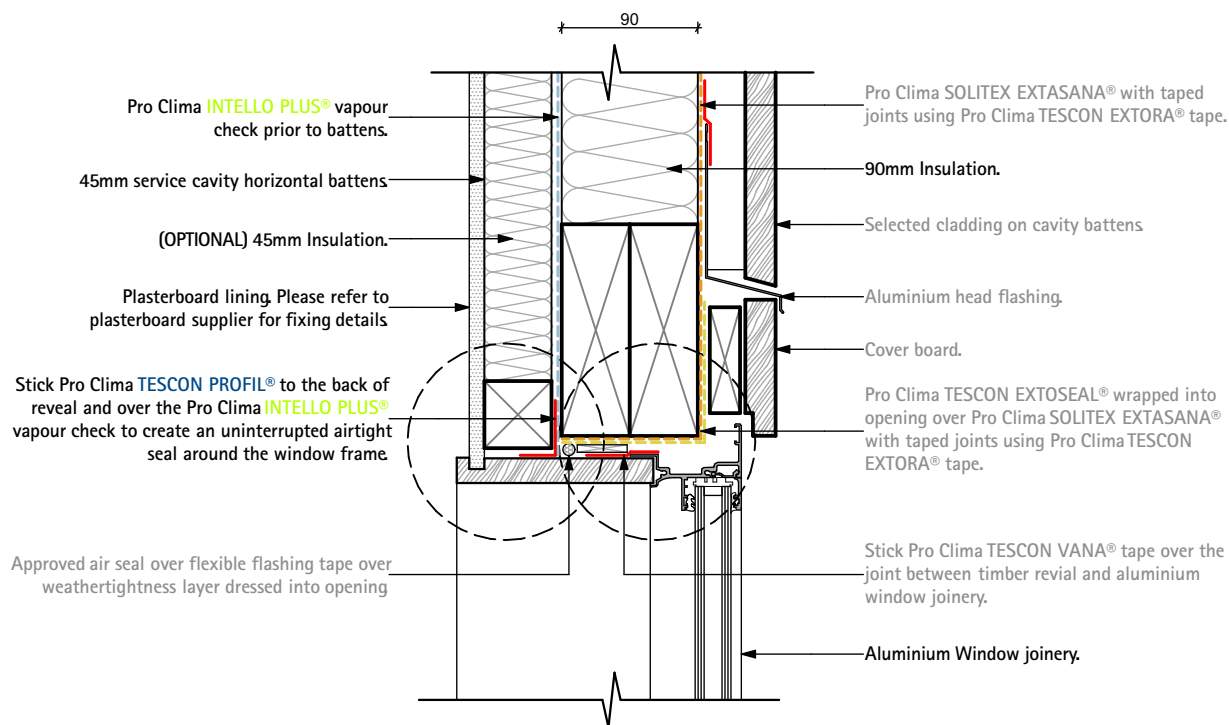


Approved air seal over flexible flashing tape over weathertightness layer dressed into opening

Stick Pro Clima **TESCON PROFIL®** to the back of reveal and over the Pro Clima **INTELLO PLUS®** vapour check to create an uninterrupted airtight seal around the window frame.



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Title:

Door / Window Joinery Aluminium Head Detail

Scale: 1:2, 1:5  
Revision: D  
Issued: 06-03-2019

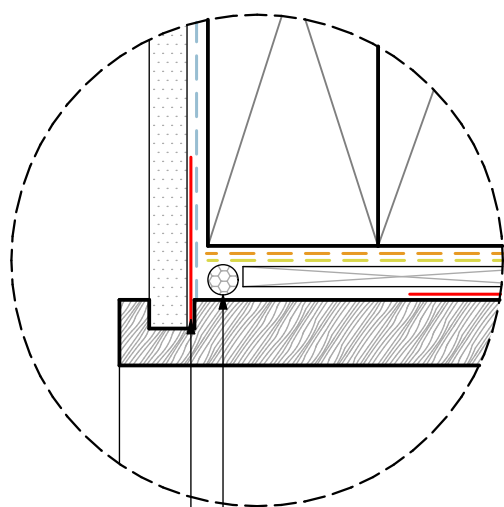
Detail  
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**A4211**

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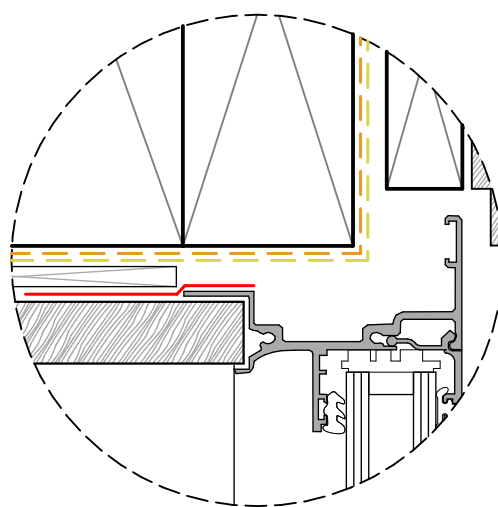
# A4212 Pro Clima Door / Window Joinery Aluminium Head Detail

Typical vertical 140mm wall – Window head detail, Direct fixing

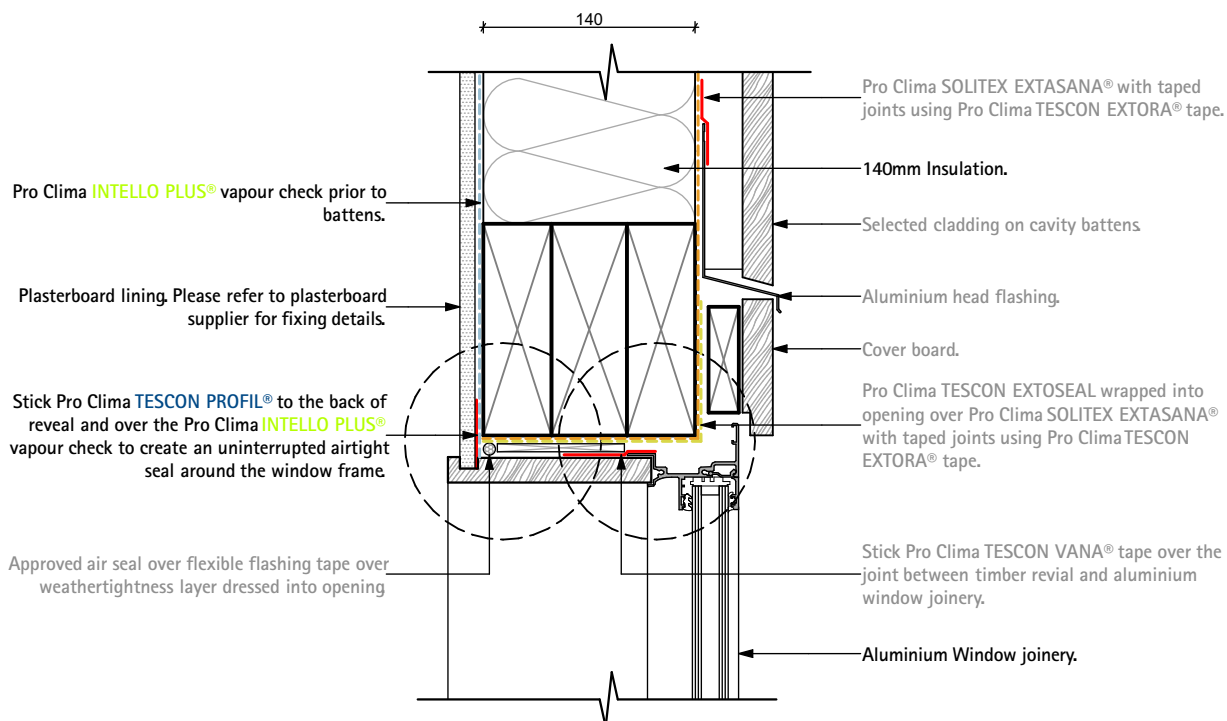


Approved air seal over flexible flashing tape over weathertightness layer dressed into opening

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Title:

**Door / Window Joinery Aluminium Head Detail**

Scale: 1:5, 1:2  
Revision: D  
Issued: 06-03-2019

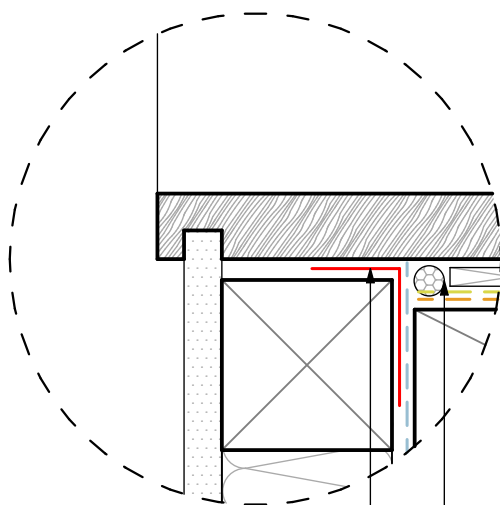
Detail  
Number:

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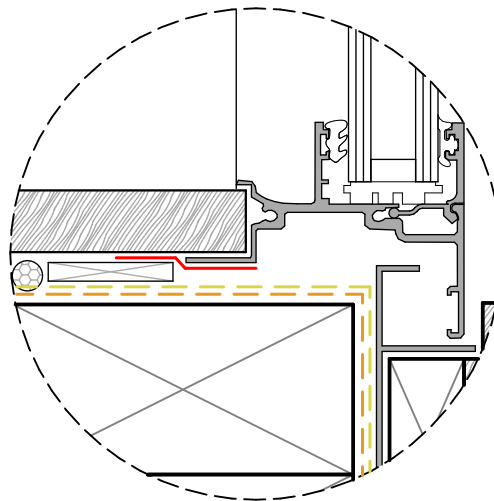
# A4221 Pro Clima Door / Window Joinery Aluminium Jamb Detail

Typical vertical 90mm wall – Window jamb detail with 45mm service cavity

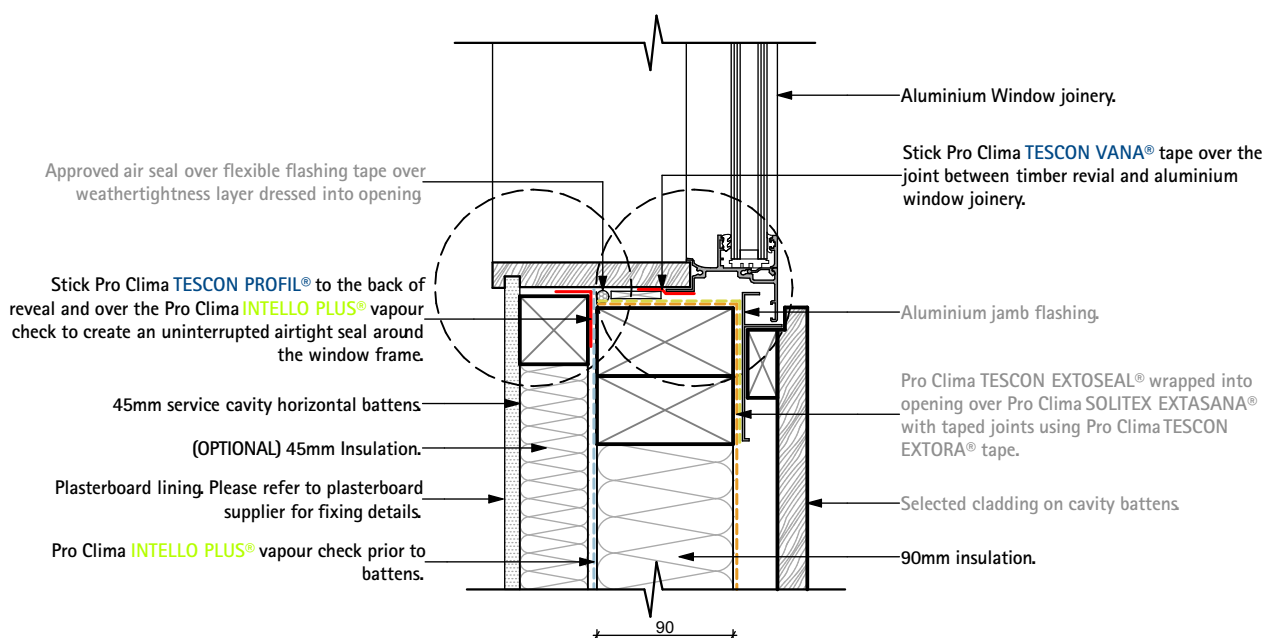


Stick Pro Clima **TESCON PROFIL®** to the back of reveal and over the Pro Clima **INTELLO PLUS®** vapour check to create an uninterrupted airtight seal around the window frame.

Approved air seal over flexible flashing tape over weathertightness layer dressed into opening



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Title:

**Door / Window Joinery Aluminium Jamb Detail**

Scale: 1:2, 1:5  
Revision: D  
Issued: 06-03-2019

Detail  
Number:

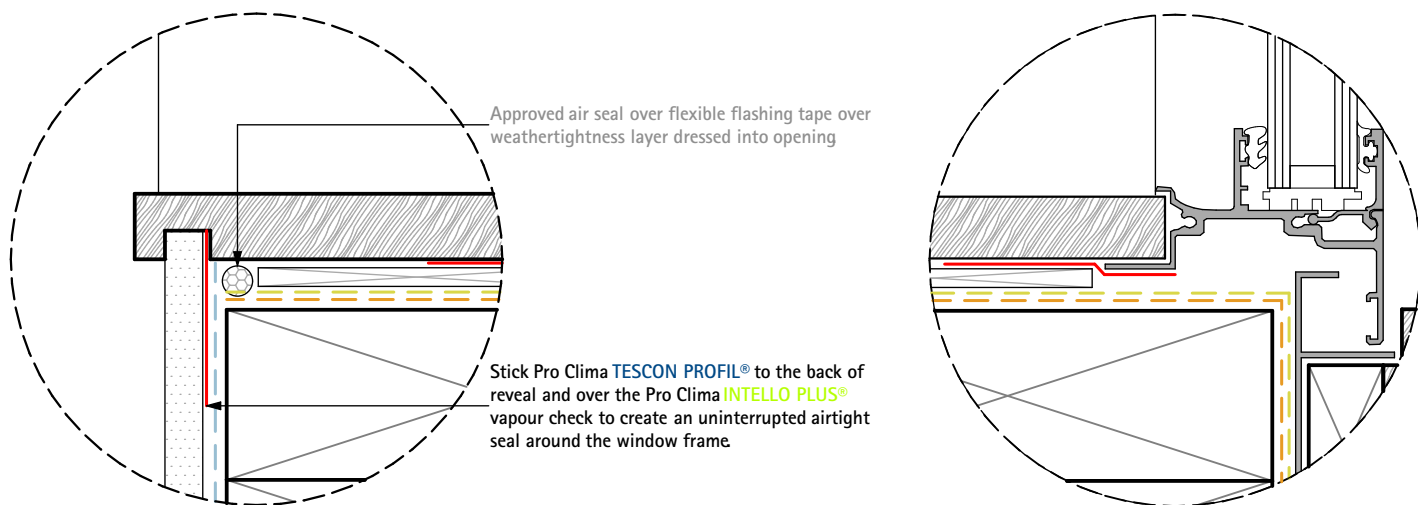
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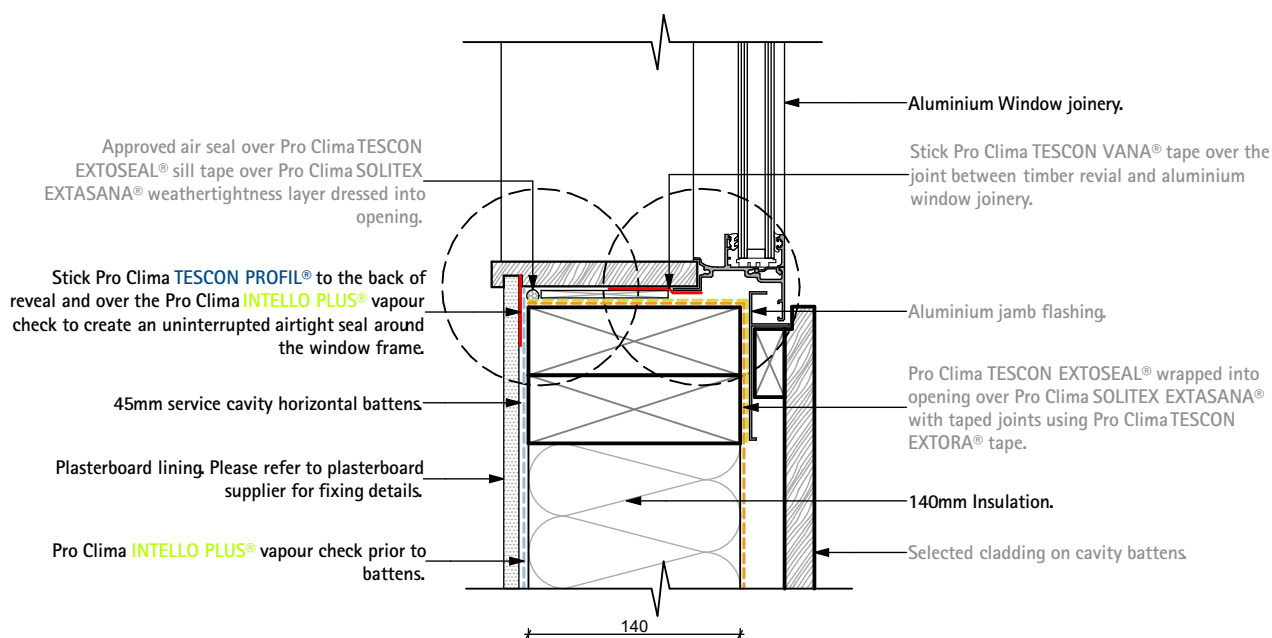


# A4222 Pro Clima Door / Window Joinery Aluminium Jamb Detail

Typical vertical 140mm wall – Window jamb detail, Direct fixing



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Title:

**Door / Window Joinery Aluminium Jamb Detail**

Scale: 1:2, 1:5  
Revision: D  
Issued: 06-03-2019

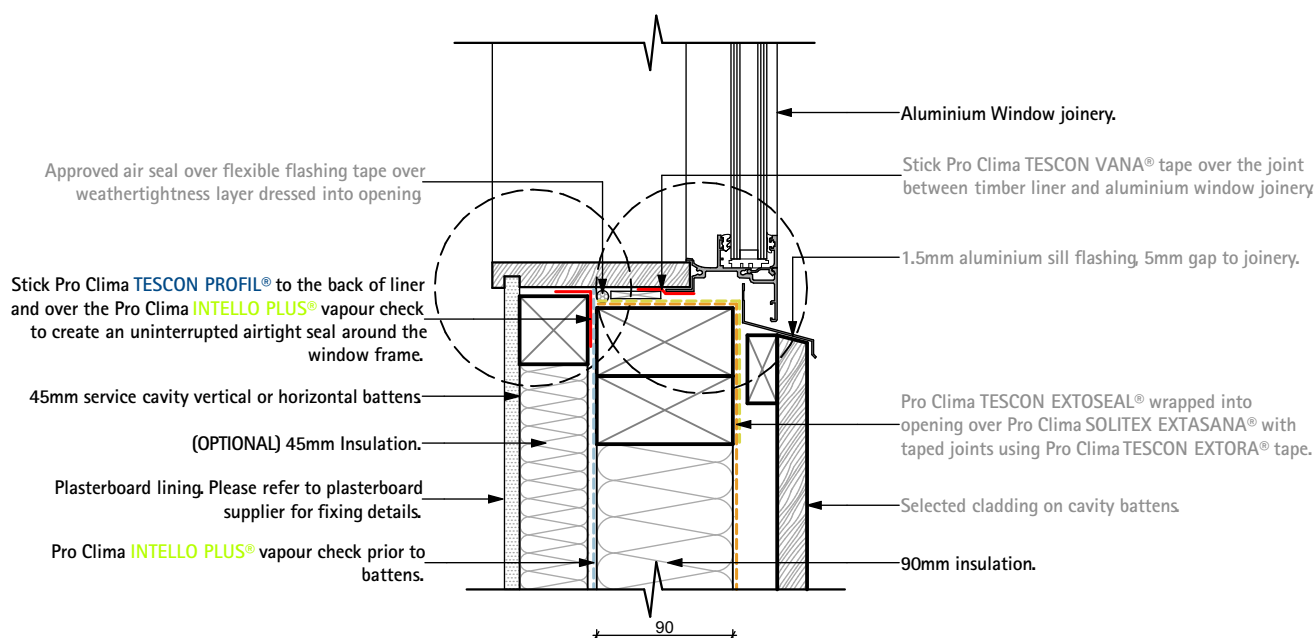
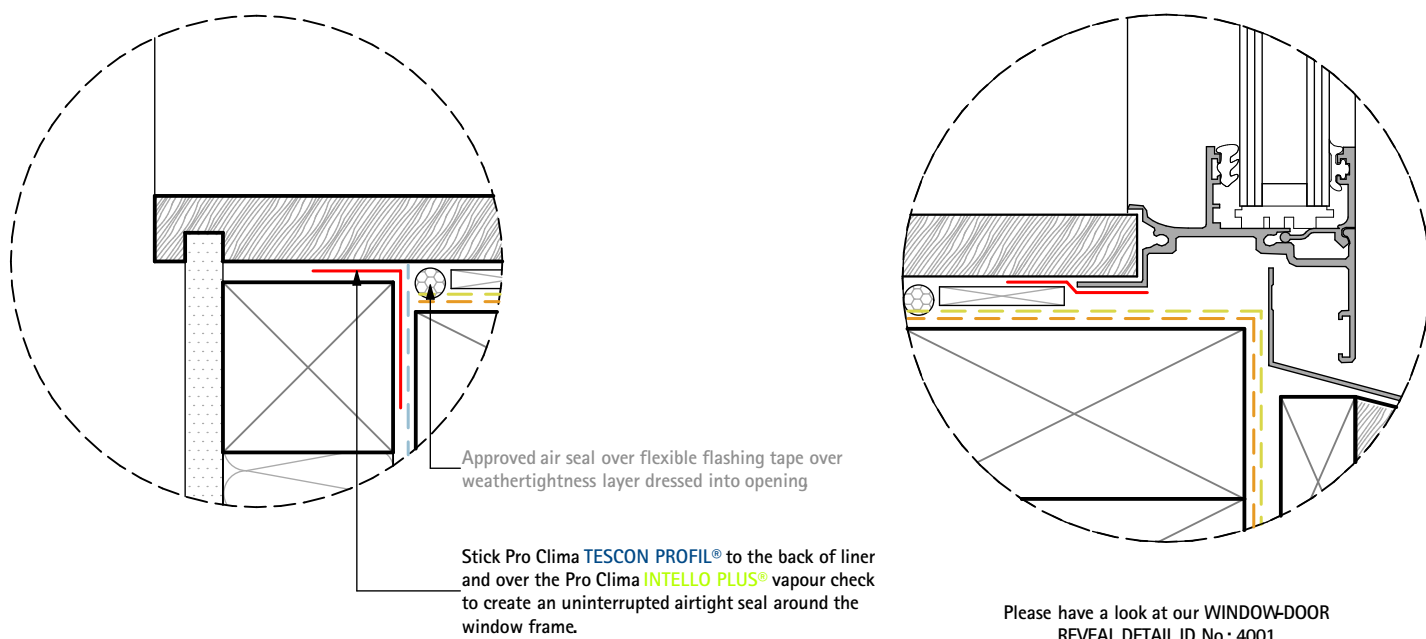
Detail  
Number:

**A4222**

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# A4231 Pro Clima Door / Window Joinery Aluminium Sill Detail

Typical vertical 90mm wall – Window sill detail with 45mm service cavity



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Title:

**Door / Window Joinery Aluminium Sill Detail**

Scale: 1:2, 1:5  
Revision: D  
Issued: 06-03-2019

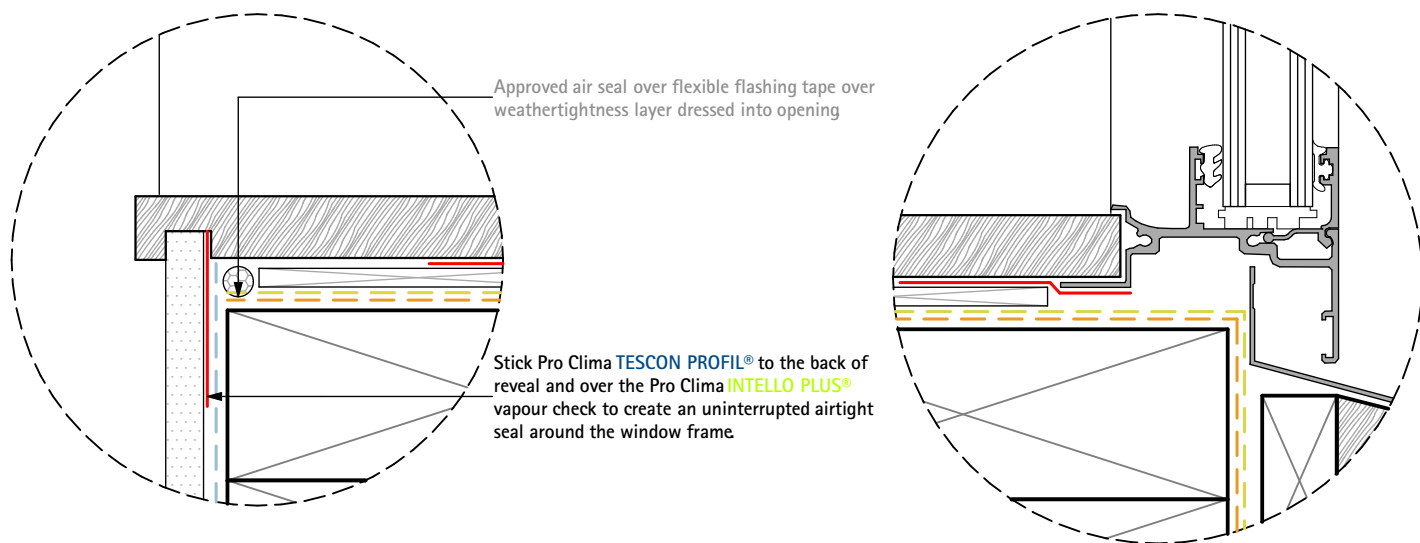
Detail  
Number:

**A4231**

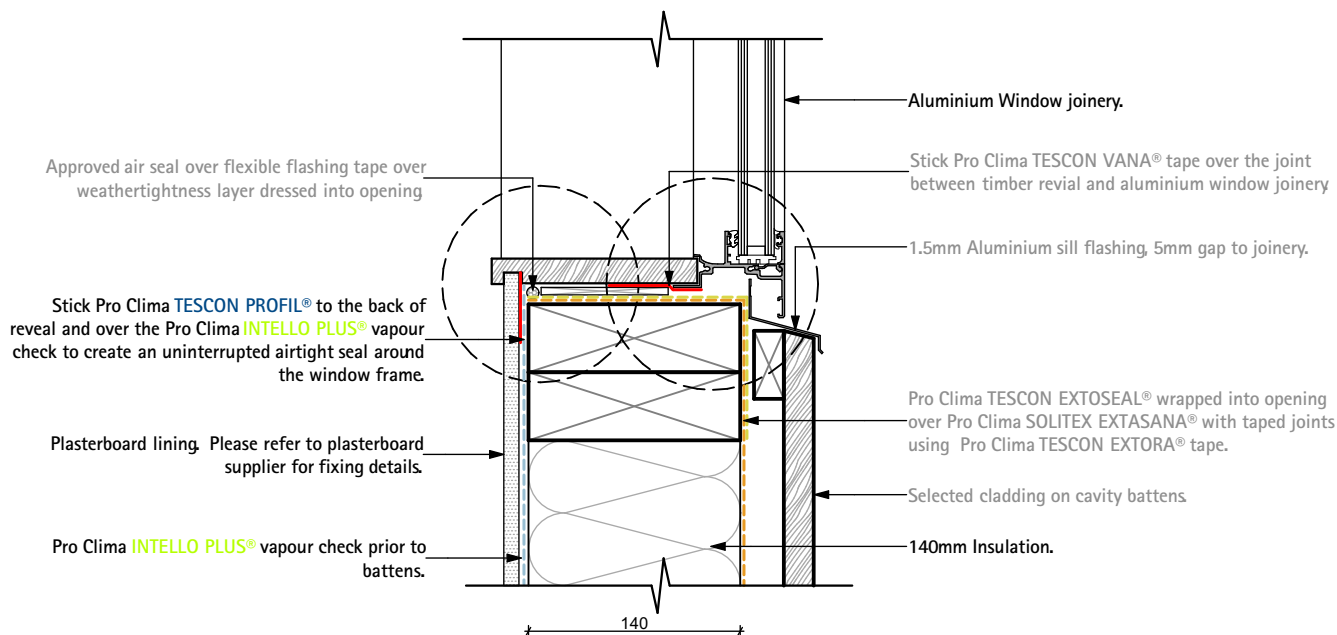
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# A4232 Pro Clima Door / Window Joinery Aluminium Sill Detail

Typical vertical 140mm wall – Window sill detail, Direct fixing



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REVEAL DETAIL ID No.: 4001



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Wellington 6140

Email: support@proclima.co.nz  
Web: www.proclima.co.nz

Title:

Door / Window Joinery Aluminium Sill Detail

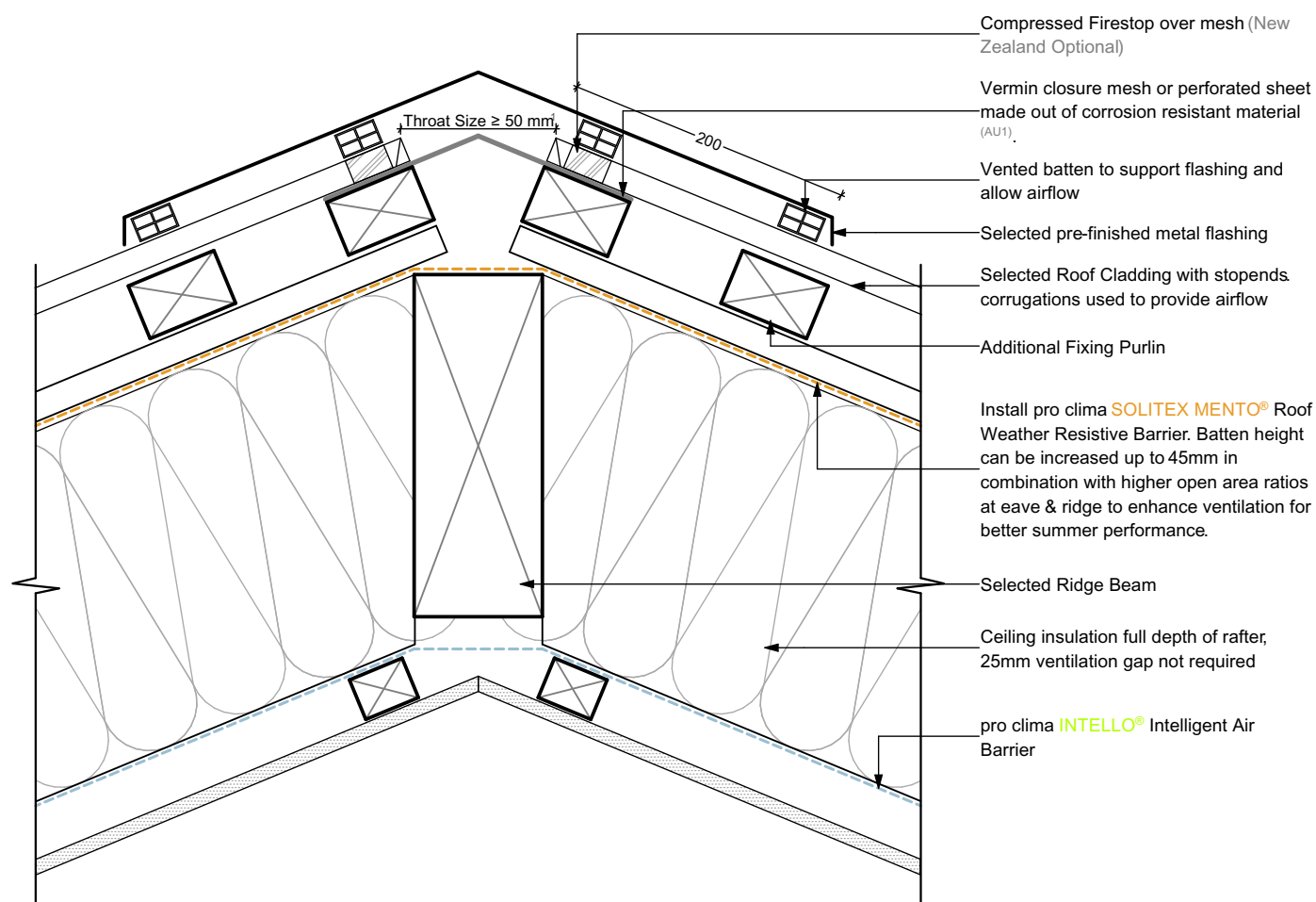
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Revision: D  
Issued: 06-03-2019

Detail  
Number:

**A4232**

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# W1111-1 Pro Clima Roof Skillion-Vented Ridge Cap for Normal Ventilation

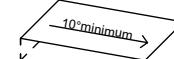


## NOTES:

1: For a throat size of 50 mm a mesh of at least 10% free open area must be selected to achieve normal ventilation.

(Australia Only)

1: Cavity Closer must meet AS 3959 requirements for bushfire protection up to BAL 40 can be achieved by fitting an ember guard made of non-combustible material a mesh or perforated sheet with  $\leq 2$  mm holes and made of corrosion resistant steel or bronze.



NOTE: Minimum 10° Pitch  
without rigid sheathing board



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## Title:Roof Skillion-Vented Ridge Cap for Normal Ventilation

Description: Skillion , 20x45 counter batten, Normal Ventilation, 50cm2/m vented ridge cap over cladding corrugations

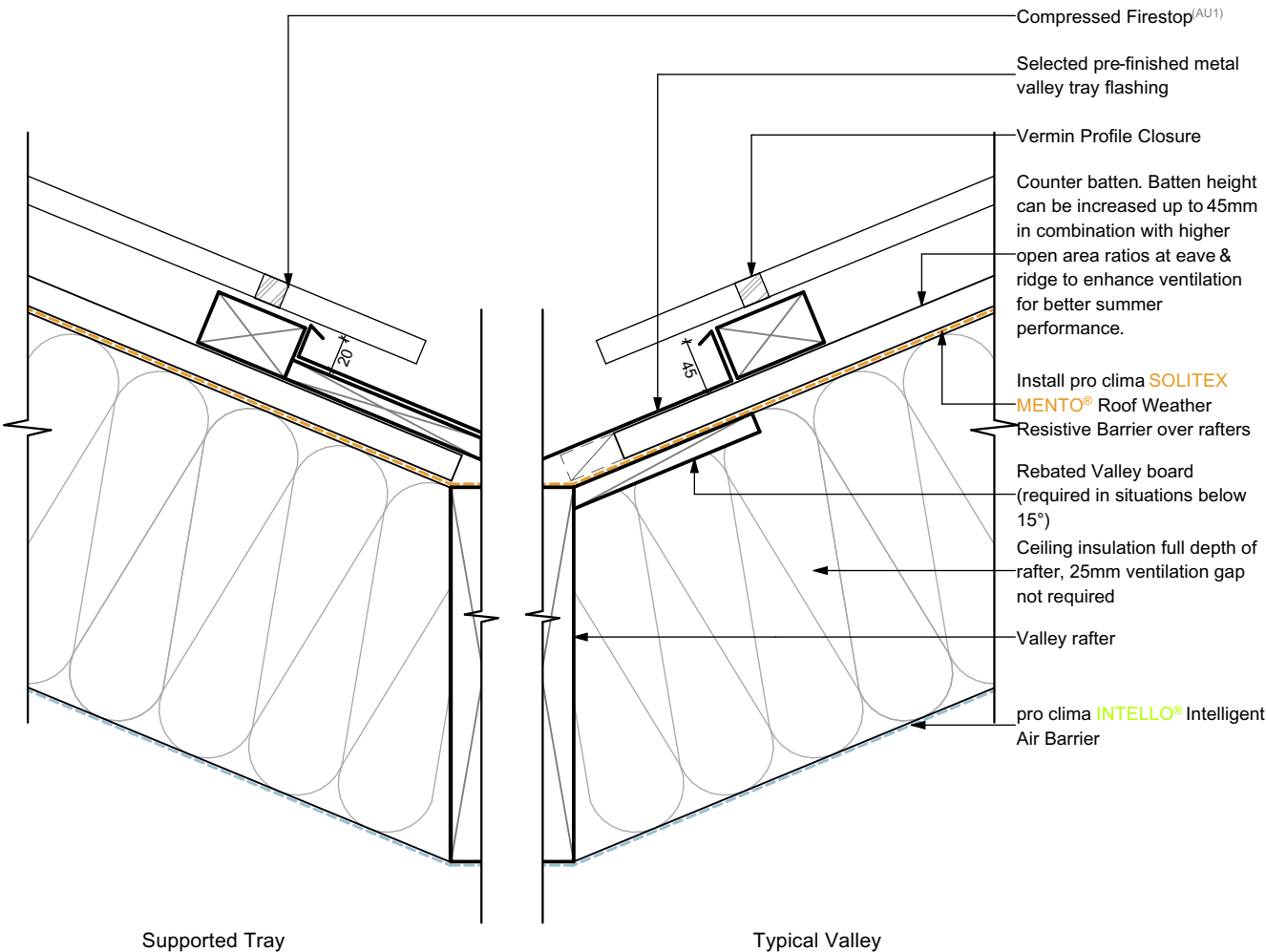
ID: W1111-1

Issued: 25/05/2020

Revision: D

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# W1121-1.1 Pro Clima Typical Valley Details, 20x45 Counter Battens



AUSTRALIA ONLY:  
1: Vents/Cavity closers must meet AS 3959 requirements for bushfire protection up to BAL40.

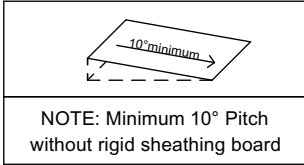


Title:Typical Valley Details, 20x45 Counter Battens

ID: W1121-1.1    Issued: 9/06/2020    Revision: D

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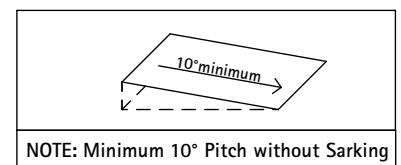
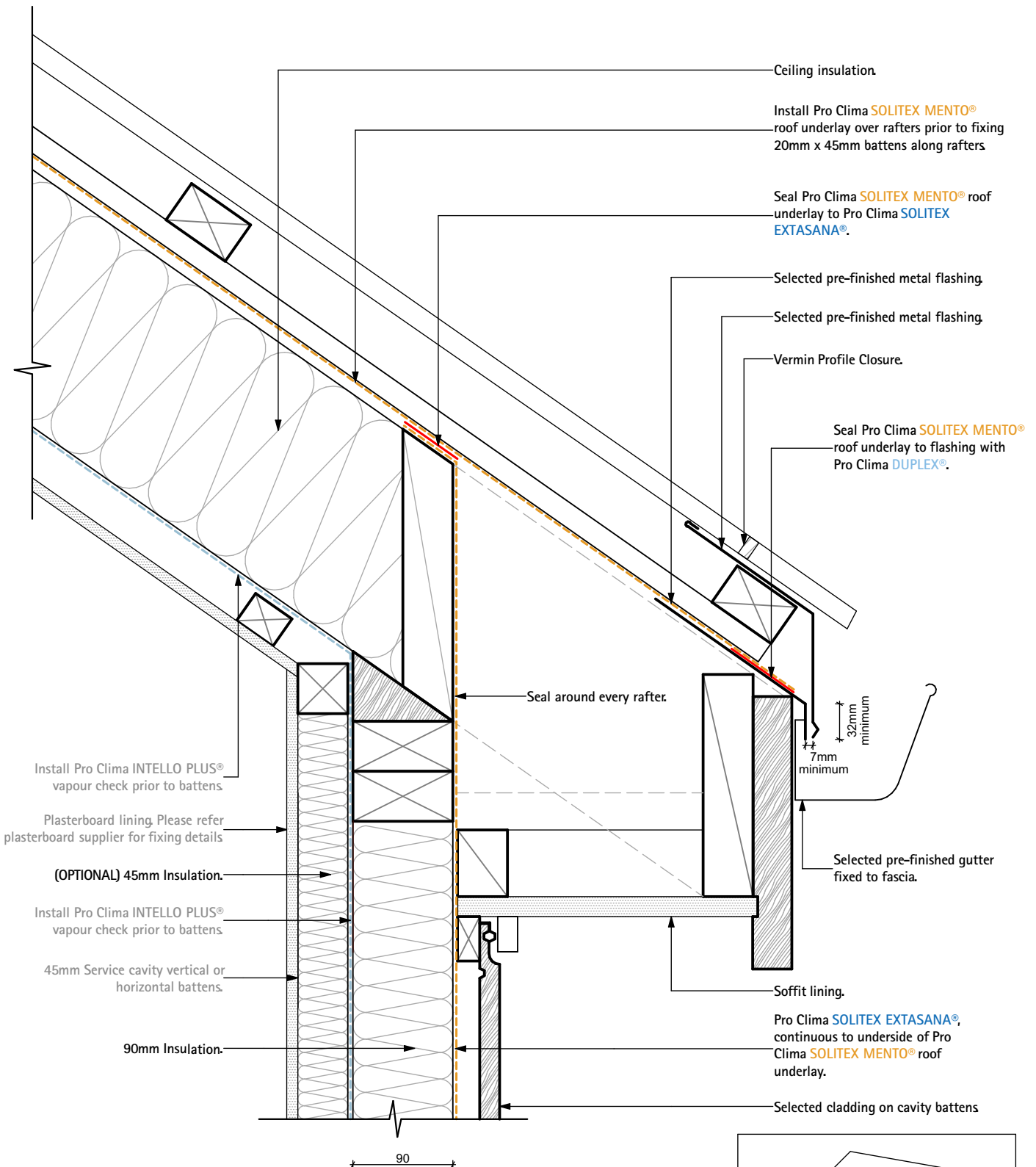
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# W1131 Pro Clima Skillion Eave Detail

## Standard



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Title:

**Skillion Eave Detail**

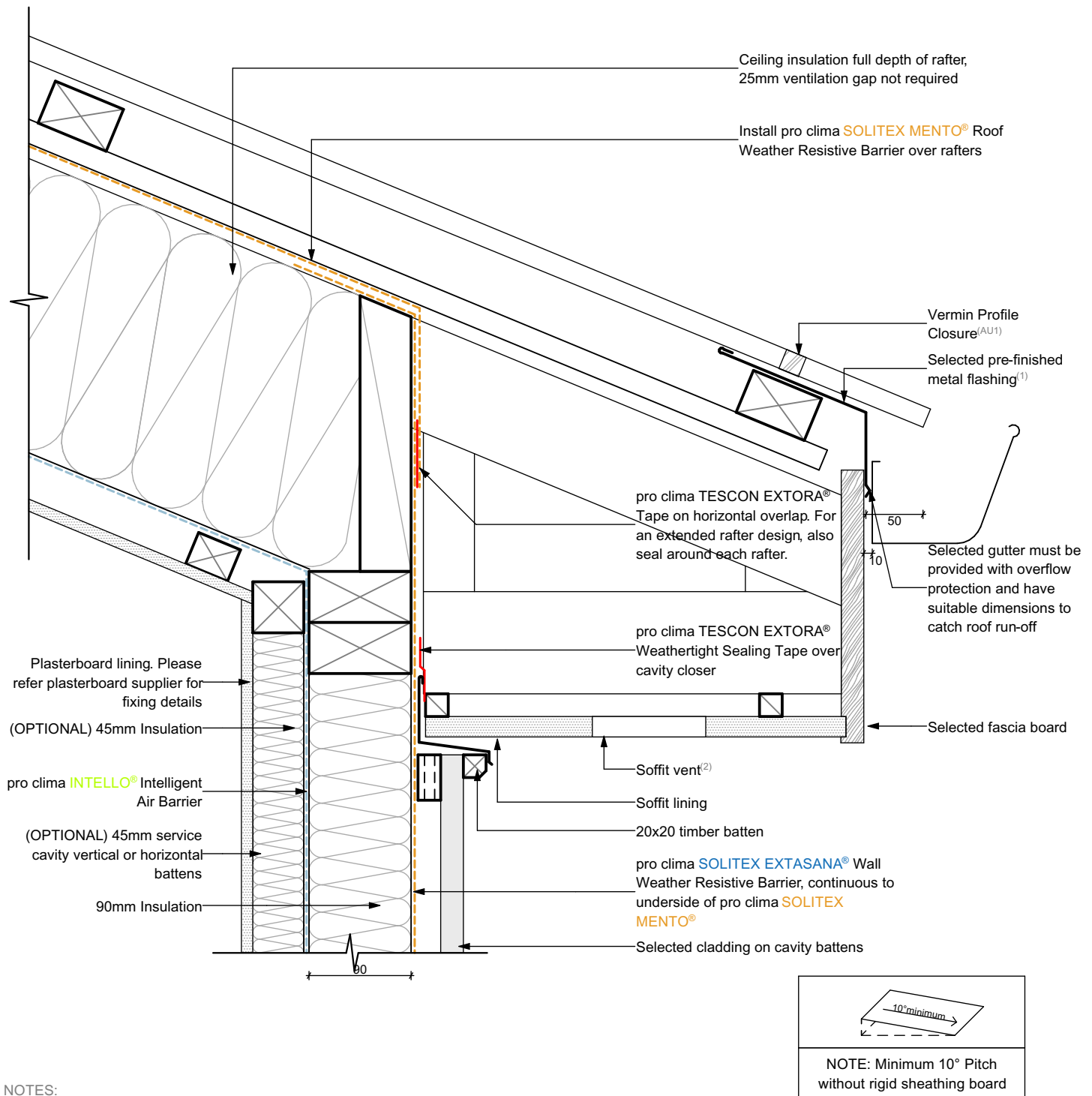
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Revision: D  
Issued: 06-03-2019

Detail  
Number:

**W1131**

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# W1131-1 Pro Clima Skillion Eave - Vented Soffit



## NOTES:

- 1: Additional ventilation can be achieved to increase the purge rate of heat in summer by utilising a perforated flashing at the eave.
- 2: For normal ventilation eaves soffit vents with an aggregated free opening area equal to 200cm<sup>2</sup> per linear metre of eave shall be distributed evenly around eaves and used in combination with 20mm high counter battens.  
For strong ventilation eaves soffit vents with an aggregated free opening area equal to 400cm<sup>2</sup> per linear metre of eave shall be distributed evenly around eaves and used in combination with 45mm high counter battens.

## AUSTRALIA ONLY:

- 1: Vents/Cavity closers must meet AS 3959 requirements for bushfire protection up to BAL40. This can be achieved by fitting an ember guard made of non-combustible material or a mesh or perforated sheet with ≤ 2 mm holes and made of corrosion-resistant steel or bronze.

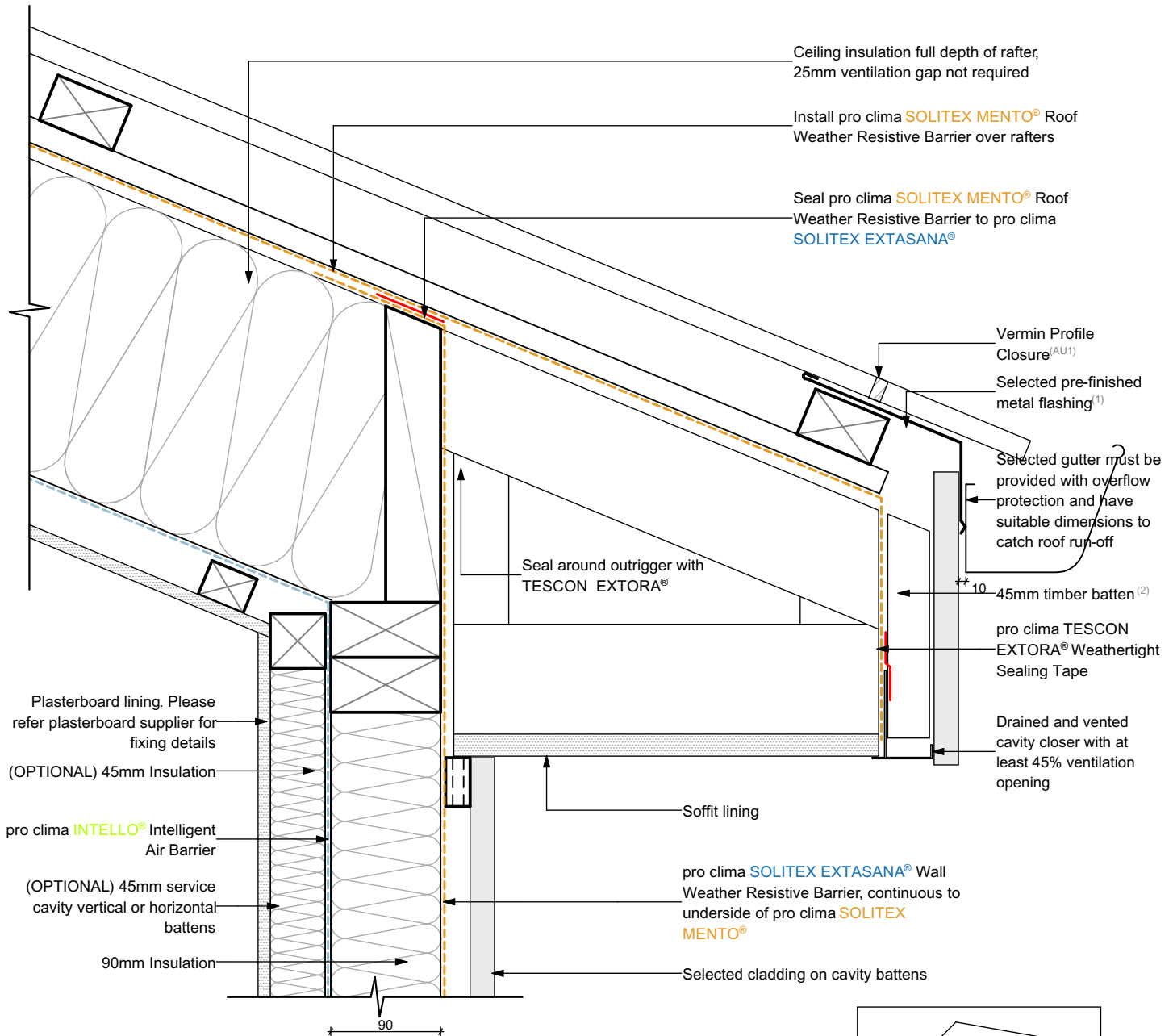


Title: Skillion Eave - Vented Soffit

ID: W1131-1 Issued: 25/05/2020 Revision: D



# W1131-3 Pro Clima Skillion Eave - Vented Fascia



## NOTES:

1: Additional ventilation can be achieved to increase the purge rate of heat in summer by utilising a perforated flashing at the eave.

2: Normal Ventilation: Timber packer should be 45mm in combination with at least 45% open area cavity closer.

Strong Ventilation: Timber packer should be 90mm in combination with at least 45% open area cavity closer.

The depth of the cavity can be reduced for cavity dosers with higher open area ratios.

Ventilation = (Packer) x (Open Area Ratio)

Normal Ventilation  $\geq 200\text{cm}^2/\text{m}$

Strong Ventilation  $\geq 400\text{cm}^2/\text{m}$

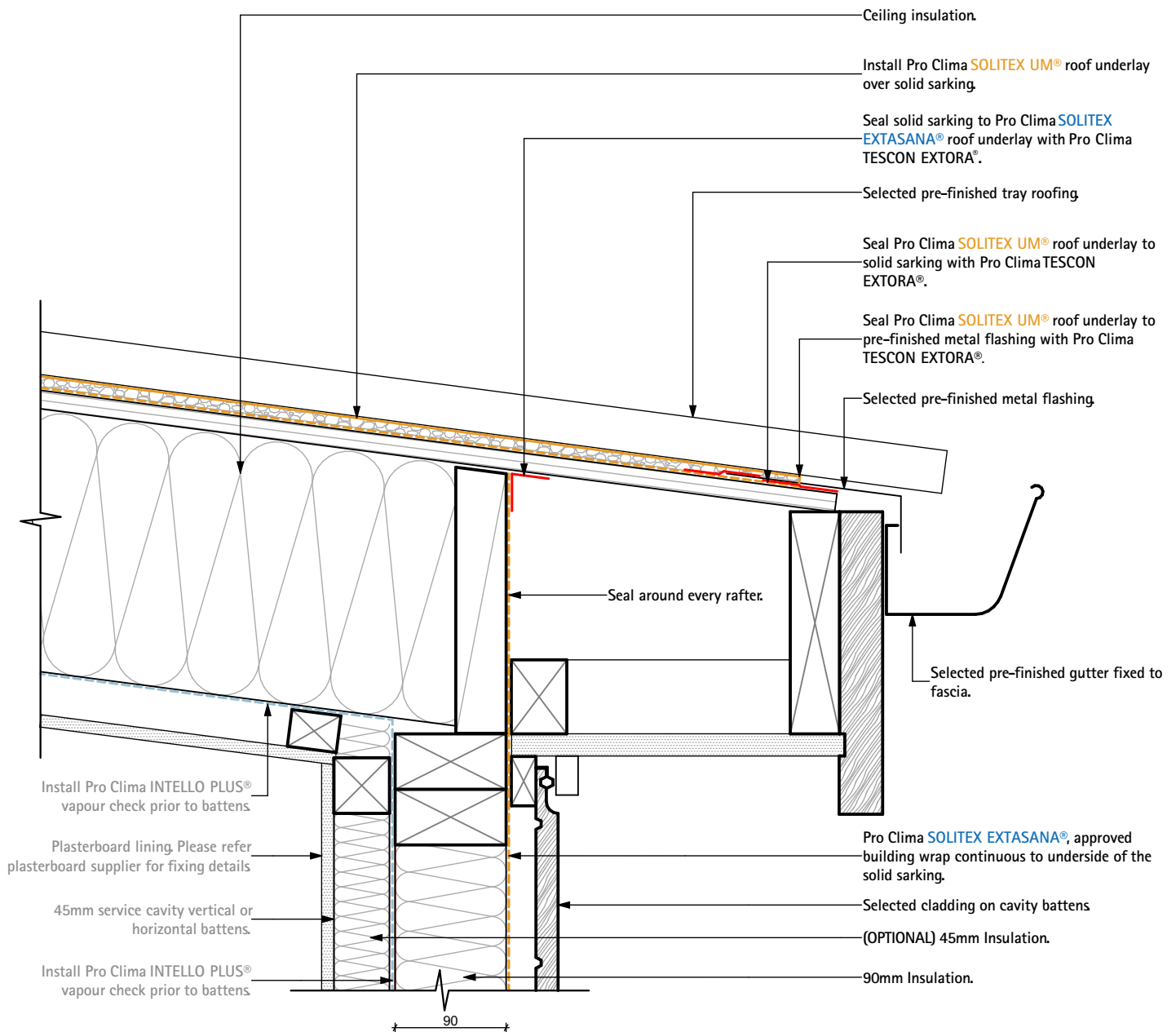
## AUSTRALIA ONLY:

1: Vents/Cavity closers must meet AS 3959 requirements for bushfire protection up to BAL40. This can be achieved by fitting an ember guard made of non-combustible material or a mesh or perforated sheet with  $\leq 2\text{mm}$  holes and made of corrosion-resistant steel or bronze.



# W1133 Pro Clima Skillion Eave Detail

## Solitex UM



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Title:

**Skillion Eave Detail**

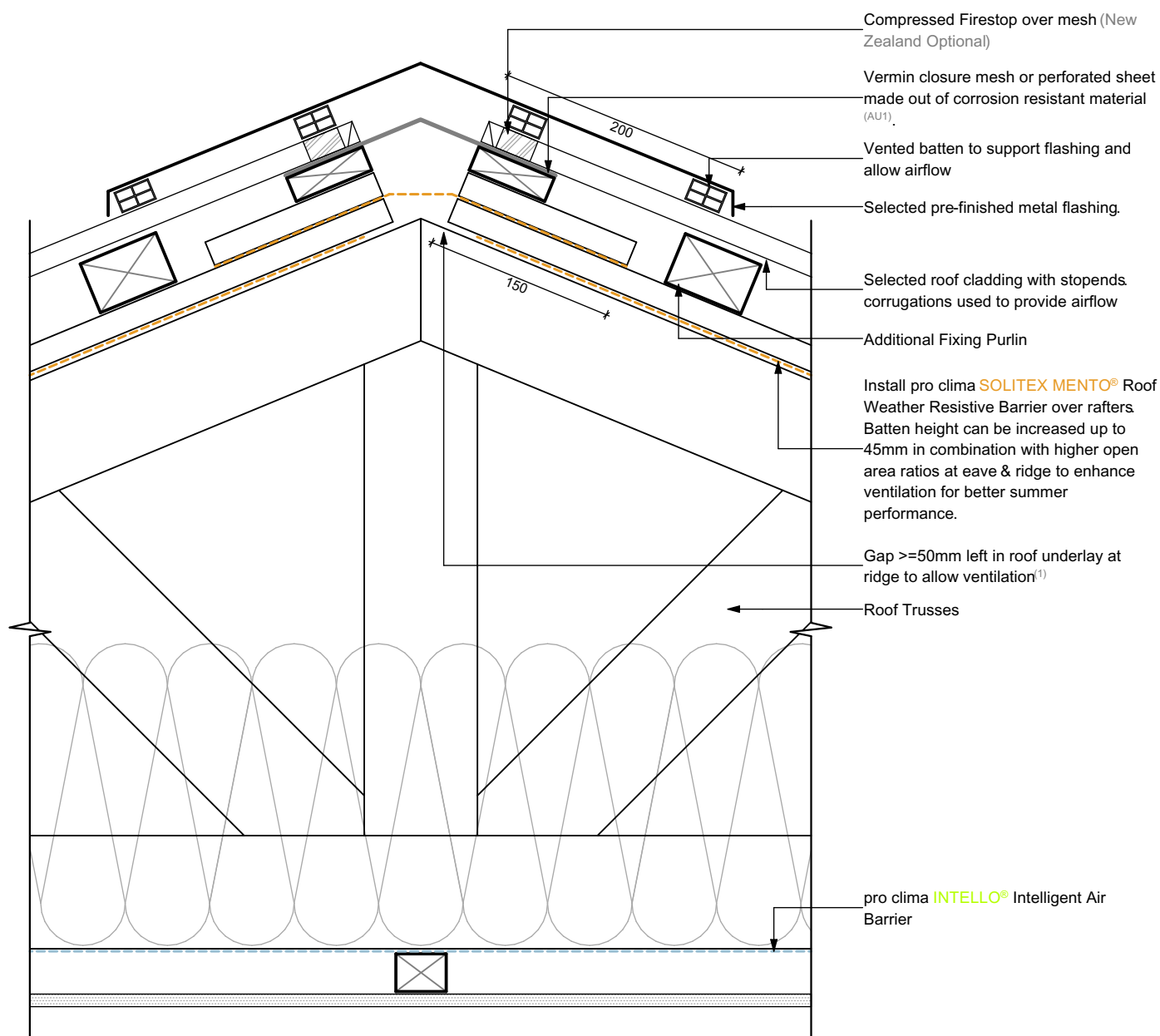
Scale: 1:5  
Revision: D  
Issued: 06-03-2019

Detail  
Number:

**W1133**

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# W1211-1 Pro Clima Roof Truss-Open Underlay Vented Ridge Cap Detail

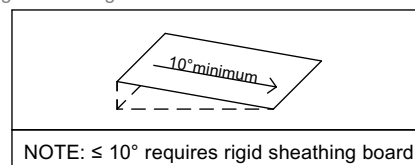


## NOTES:

1: Recommended total amalgamated vent area should be equal to 1:300 ratio between the net free amalgamated opening area of the vents to the area of insulated ceiling. Vents should be evenly distributed around the roof perimeter. Outlet vents, such as ridge vents, must only be installed in conjunction with inlet vents. Inlet vents should be dimensioned slightly larger than the outlets to ensure all makeup air comes from outside and is not drawn from inside. 30% of the total unobstructed area required should be located not more than 900 mm below the ridge or highest point of the roof space, measured vertically, with the remaining required area provided by these eave vents.

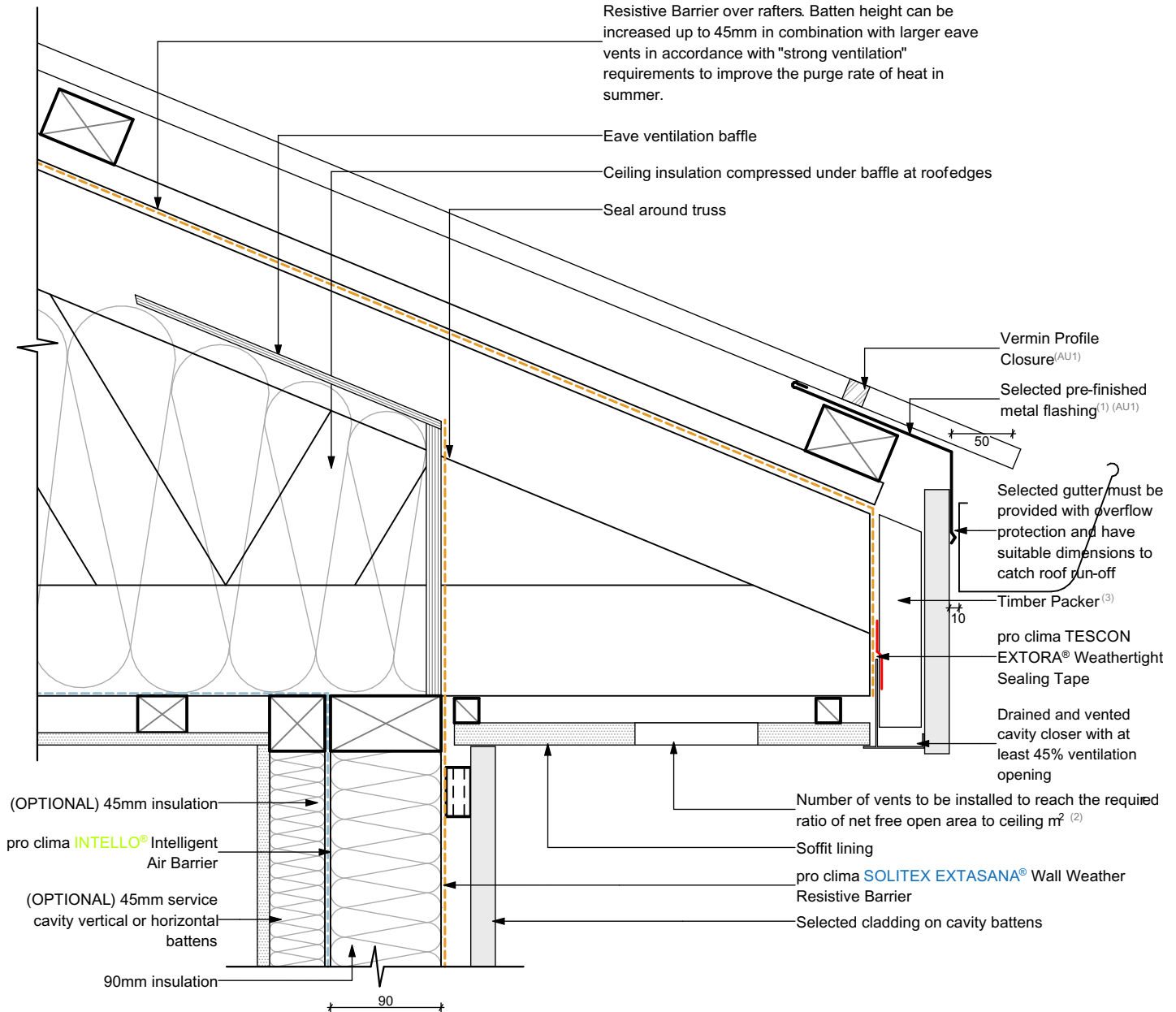
(Australia Only)

1: Cavity Closer must meet AS 3959 requirements for bushfire protection up to BAL40 can be achieved by fitting an ember guard made of non-combustible material a mesh or perforated sheet with ≤ 2 mm holes and made of corrosion resistant steel or bronze.



# W1231-2 Pro Clima Truss Eave - Vented Soffit with Vent Baffle

Install pro clima **SOLITEX MENTO®** Roof Weather Resistive Barrier over rafters. Batten height can be increased up to 45mm in combination with larger eave vents in accordance with "strong ventilation" requirements to improve the purge rate of heat in summer.



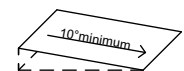
## NOTES:

- 1: Additional ventilation can be achieved to increase the purge rate of heat in summer by utilising a perforated flashing at eave.
- 2: Recommended total amalgamated vent area should be equal to 1:300 ratio between the net free amalgamated opening area of the vents to the area of insulated ceiling. Vents should be evenly distributed around the roof perimeter. Outlet vents, such as ridge vents, must only be installed in conjunction with inlet vents. Inlet vents should be dimensioned slightly larger than the outlets to ensure all makeup air comes from outside and is not drawn from inside. 30% of the total unobstructed area required should be located not more than 900 mm below the ridge or highest point of the roof space, measured vertically, with the remaining required area provided by these eave vents.
- 3: Normal Ventilation: Timber packer should be 45mm in combination with at least 45% open area cavity closer.  
Strong Ventilation: Timber packer should be 90mm in combination with at least 45% open area cavity closer.  
The depth of cavity can be reduced for cavity dosers with higher open area ratios.  

$$\text{Ventilation} = (\text{Packer}) \times (\text{Open Area Ratio})$$

$$\text{Normal Ventilation} \geq 200\text{cm}^2/\text{m}$$

$$\text{Strong Ventilation} \geq 400\text{cm}^2/\text{m}$$



NOTE: Minimum 10° Pitch without rigid sheathing board

## AUSTRALIA ONLY:

- 1: Cavity Closer must meet AS 3959 requirements for bushfire protection up to BAL40. This can be achieved by fitting an ember guard made of non-combustible material or a mesh or perforated sheet with ≤ 2 mm holes and made of corrosion resistant steel or bronze.



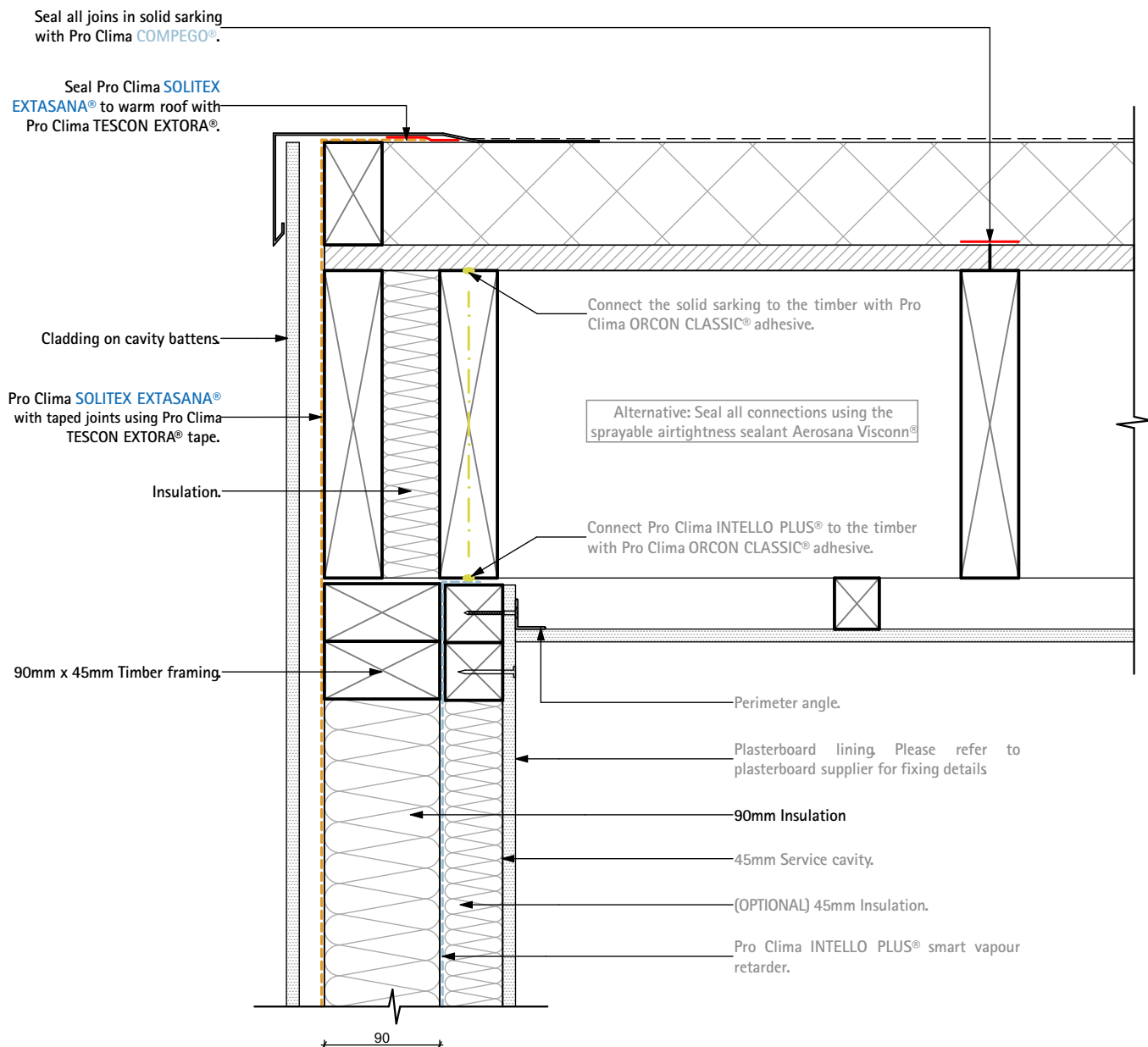
## Title: Truss Eave - Vented Soffit with Vent Baffle

ID: W1231-2 Issued: 25/05/2020 Revision: D



# W1311 Pro Clima Roof Warm Roof Detail

Barge – Plattformframing



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Title:

**Roof Warm Roof Detail**

Scale: 1:5  
Revision: D  
Issued: 06-03-2019

Detail  
Number:

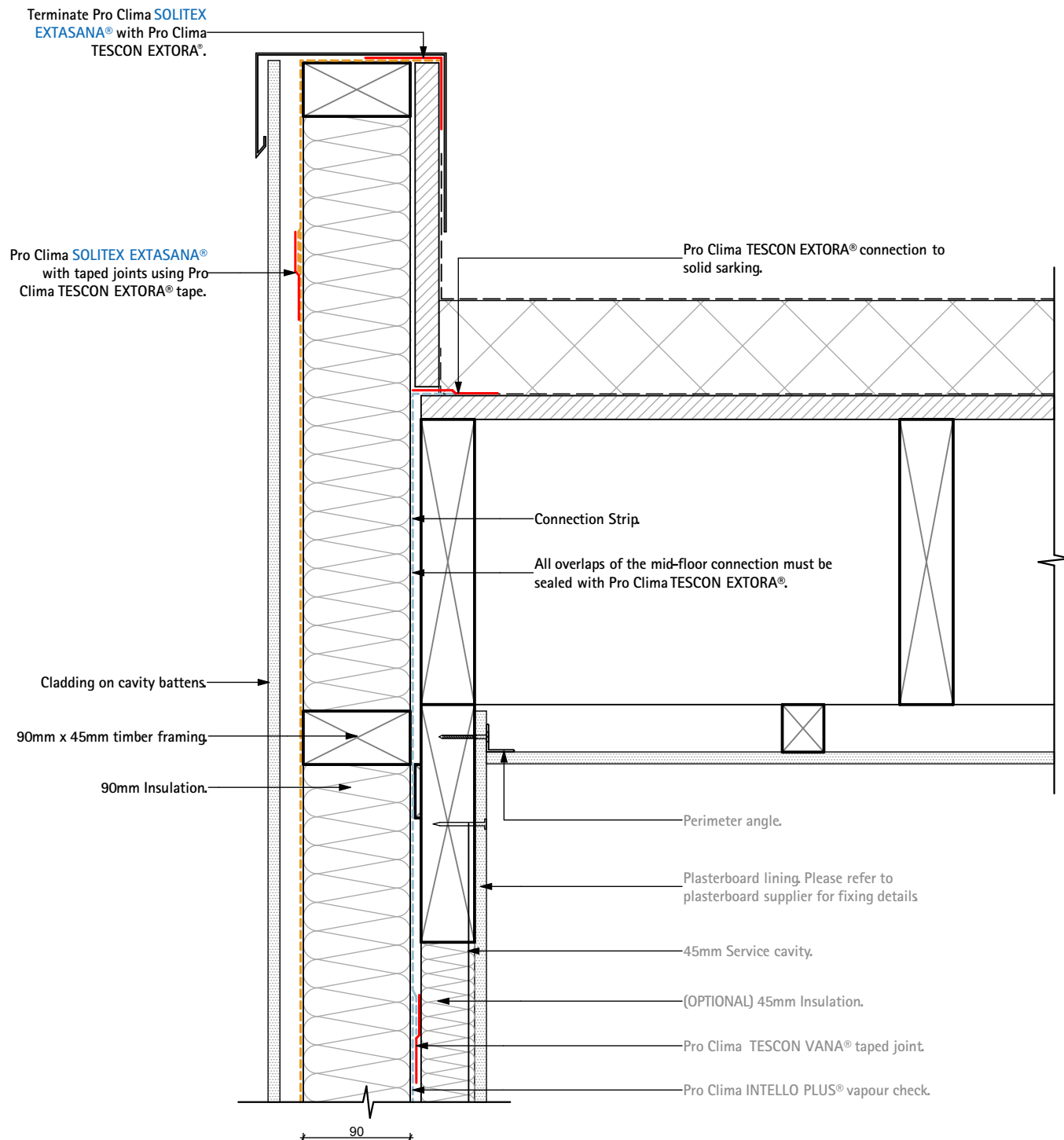
**W1311**

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# W1312 Pro Clima Roof Warm Roof Detail

## Parapet – Balloonframing



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NOTE: Connection Strip must be installed during framing stage.



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Title:

**Roof Warm Roof Detail**

Scale: 1:5  
Revision: D  
Issued: 06-03-2019

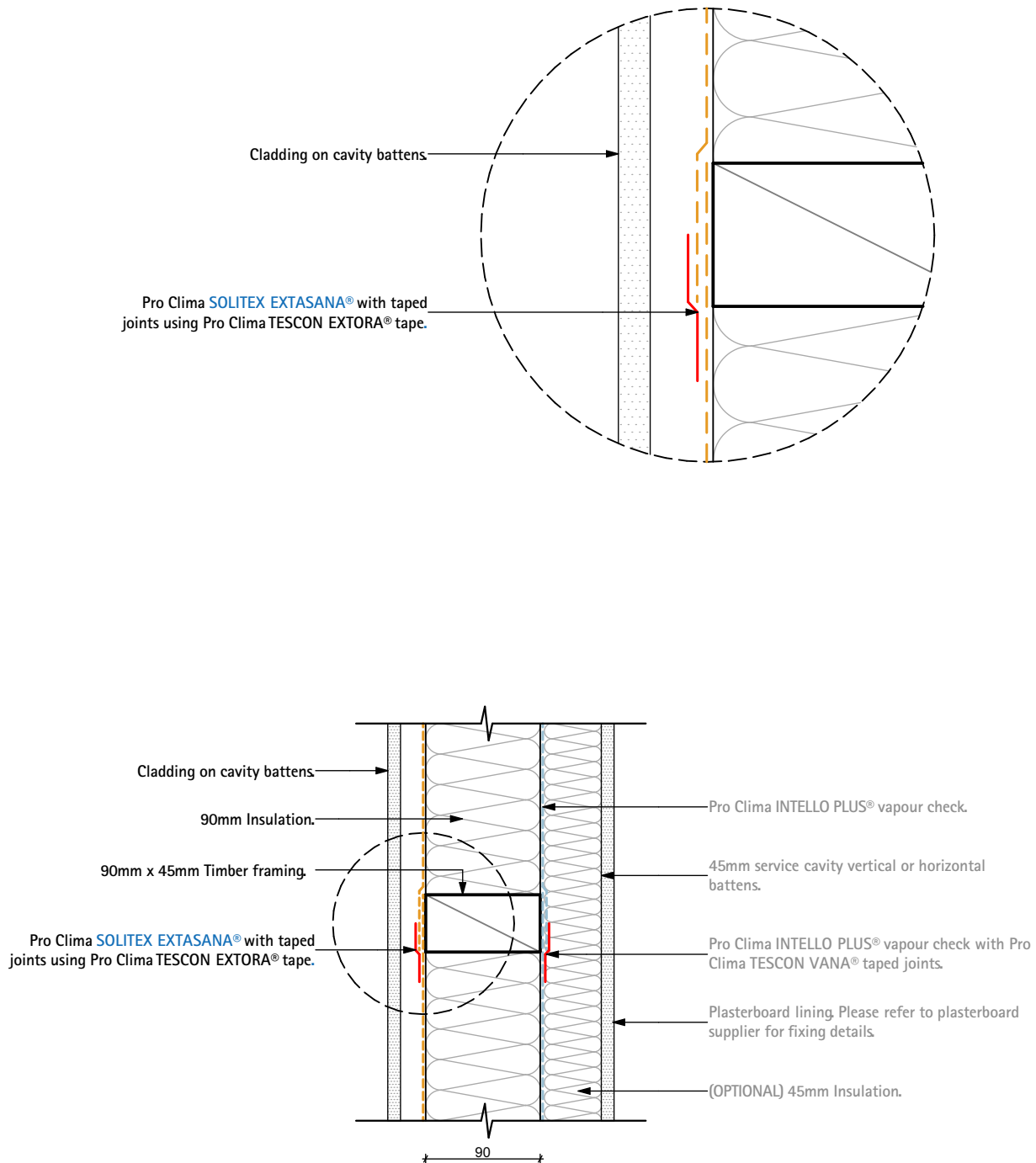
Detail  
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**W1312**

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# W3111 Pro Clima Wall Timber Framing Detail

Typical vertical 90mm wall section with 45mm service cavity



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Title:

**Wall Timber Framing Detail**

Scale: 1:5, 1:2  
Revision: D  
Issued: 06-03-2019

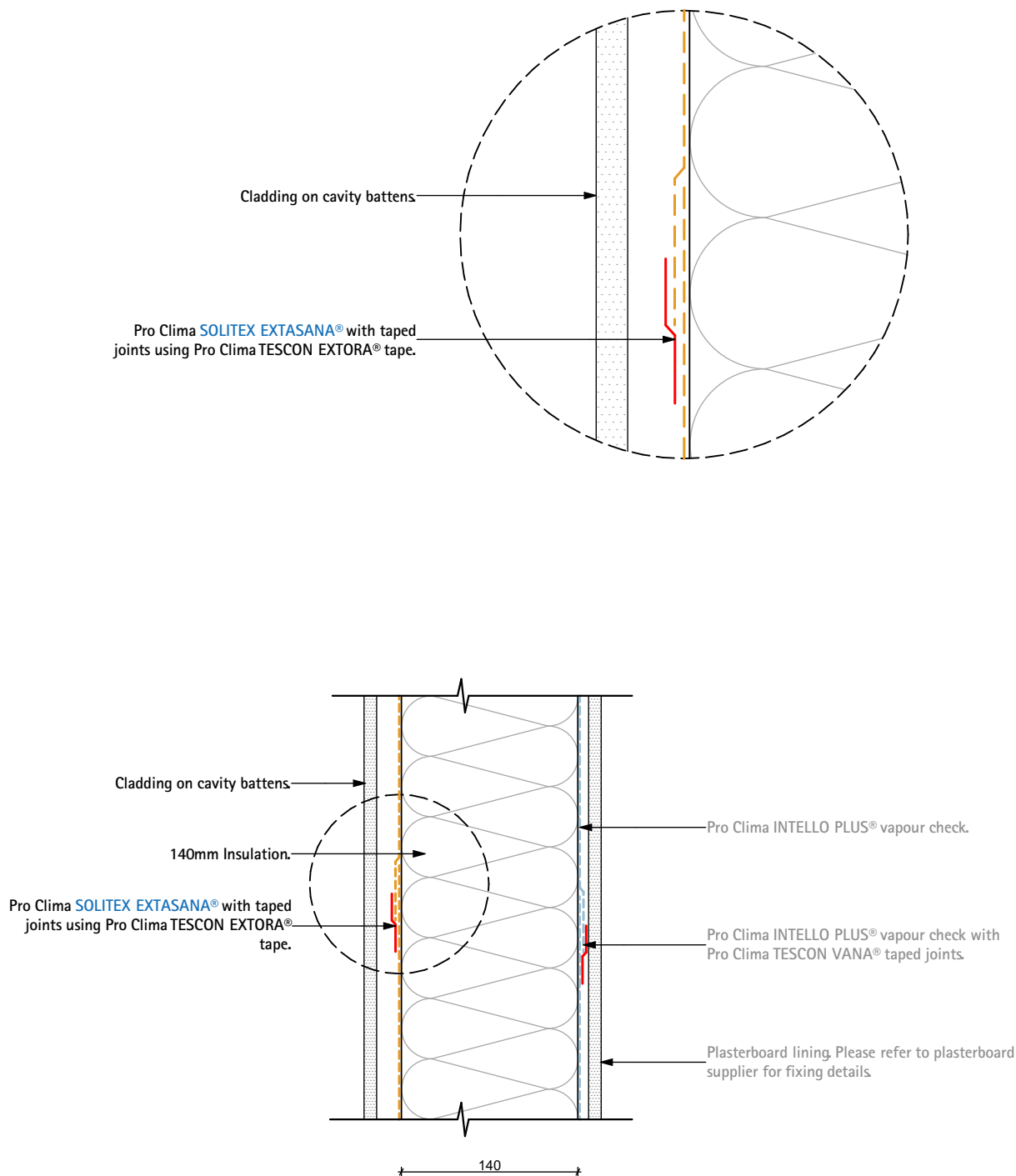
Detail  
Number:

**W3111**

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# W3112 Pro Clima Wall Timber Framing Detail

Typical vertical 140mm wall section, direct fixing



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Title:

**Wall Timber Framing Detail**

Scale: 1:5, 1:2  
Revision: D  
Issued: 06-03-2019

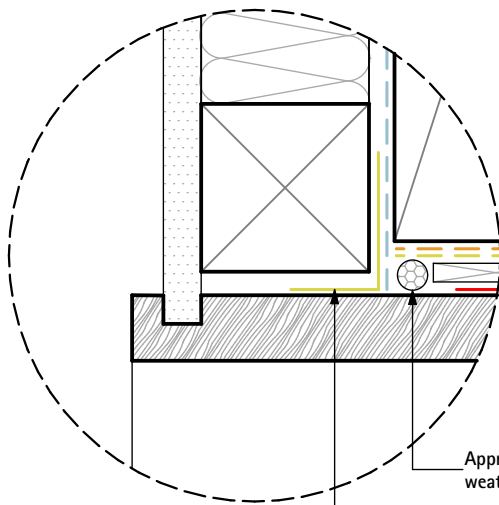
Detail  
Number:

**W3112**

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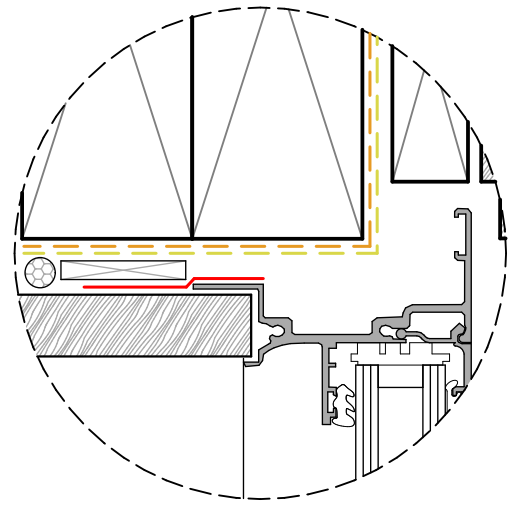
# W4211 Pro Clima Door / Window Joinery Aluminium Head Detail

Typical vertical 90mm wall – Window head detail with 45mm service cavity

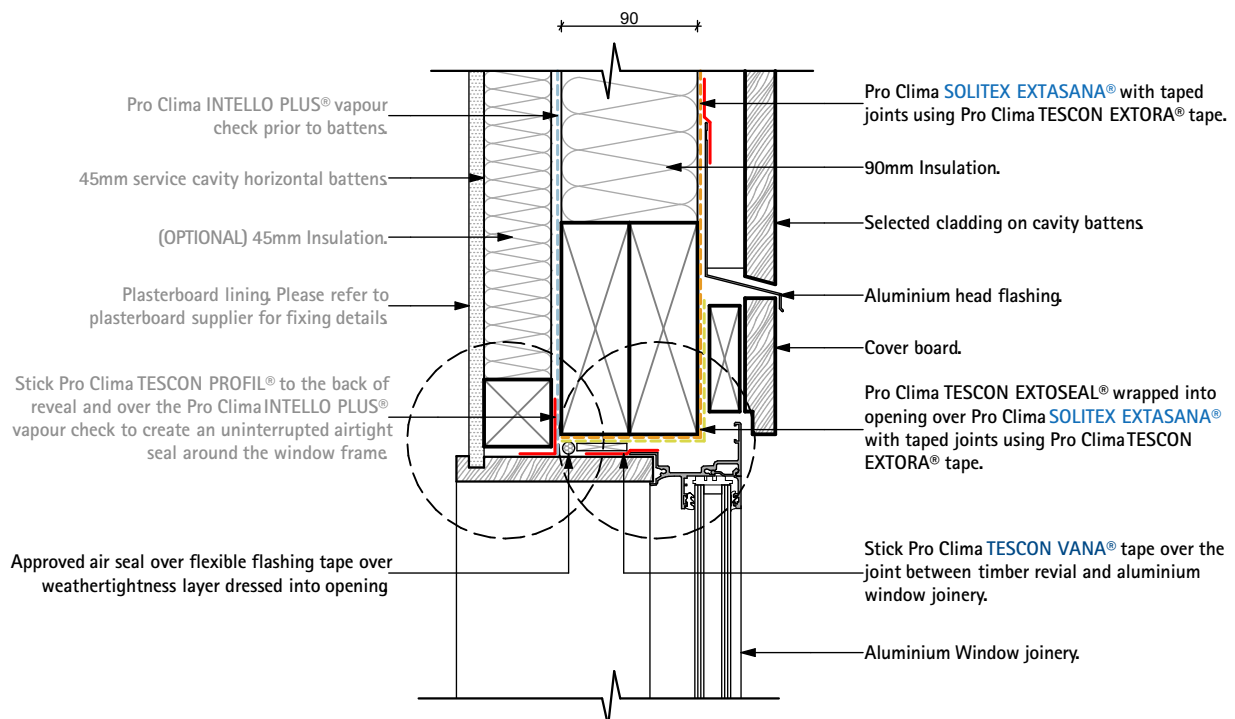


Approved air seal over flexible flashing tape over weathertightness layer dressed into opening

Stick Pro Clima TESCON PROFIL® to the back of reveal and over the Pro ClimaINTELLO PLUS® vapour check to create an uninterrupted airtight seal around the window frame



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Title:

**Door / Window Joinery Aluminium Head Detail**

Scale: 1:2, 1:5  
Revision: D  
Issued: 06-03-2019

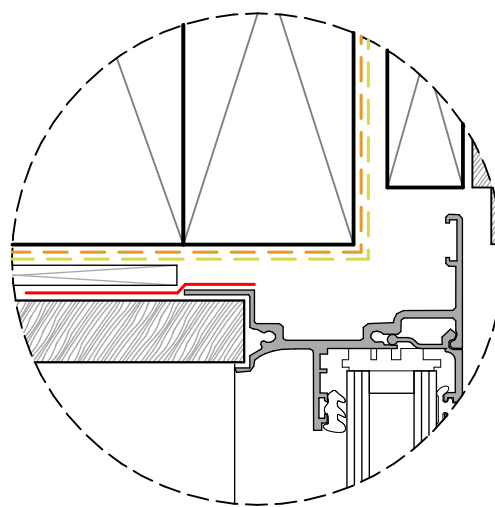
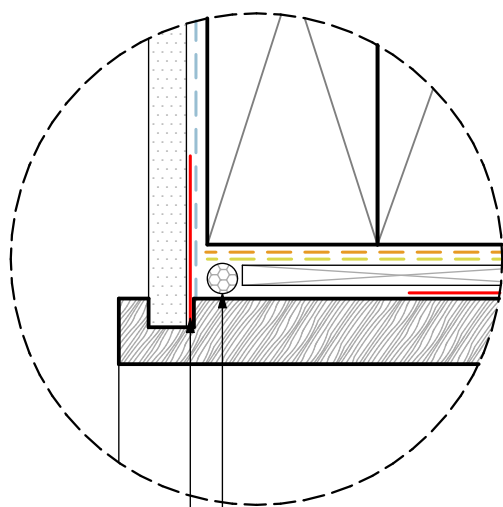
Detail  
Number:

**W4211**

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# W4212 Pro Clima Door / Window Joinery Aluminium Head Detail

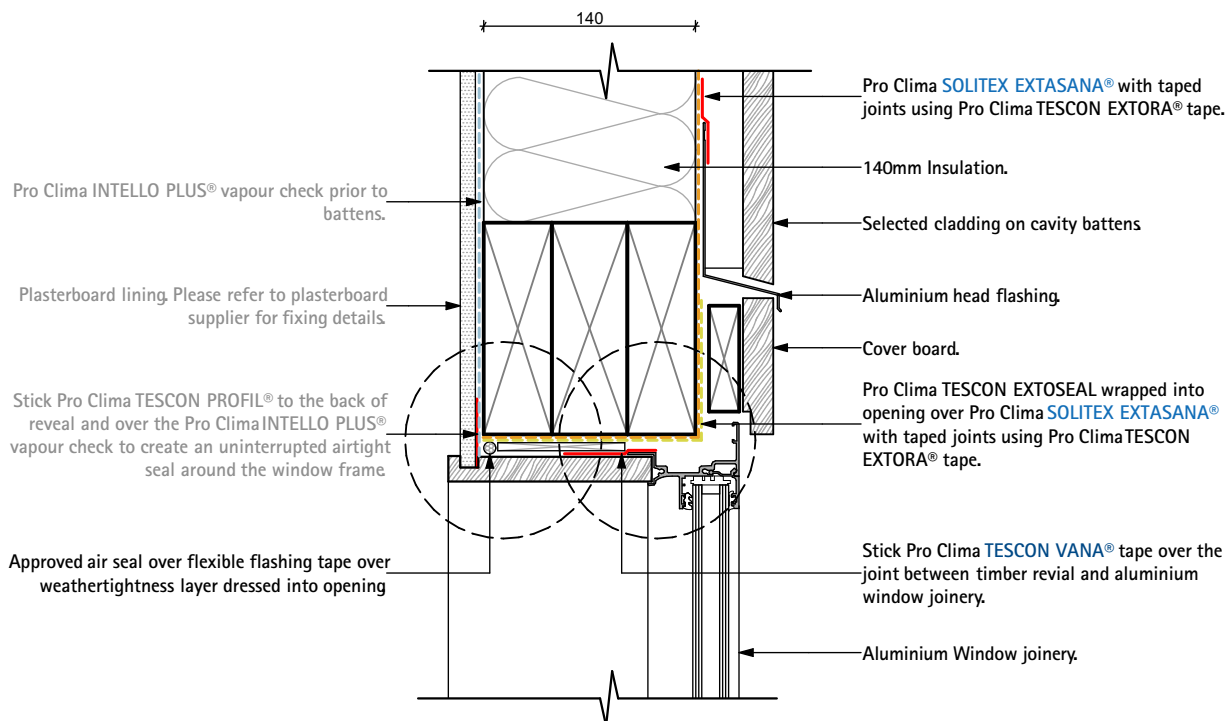
Typical vertical 140mm wall – Window head detail, Direct fixing



Approved air seal over flexible flashing tape over weathertightness layer dressed into opening

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Title:

**Door / Window Joinery Aluminium Head Detail**

Scale: 1:5, 1:2  
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Issued: 06-03-2019

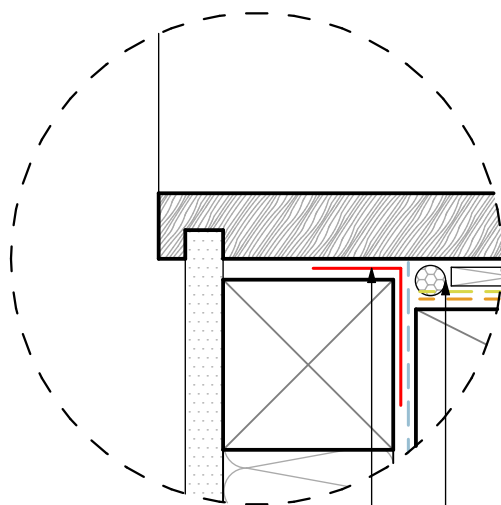
Detail  
Number:

**W4212**

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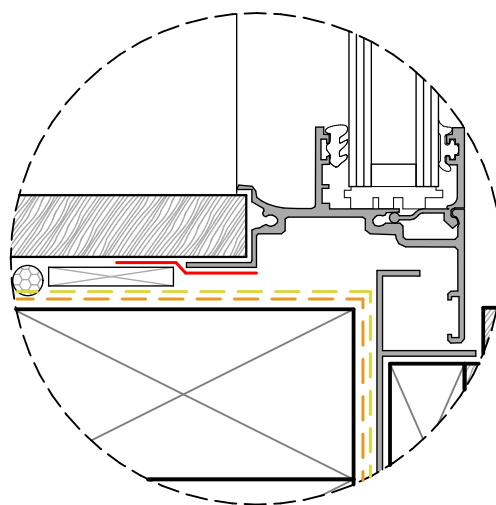
# W4221 Pro Clima Door / Window Joinery Aluminium Jamb Detail

Typical vertical 90mm wall – Window jamb detail with 45mm service cavity

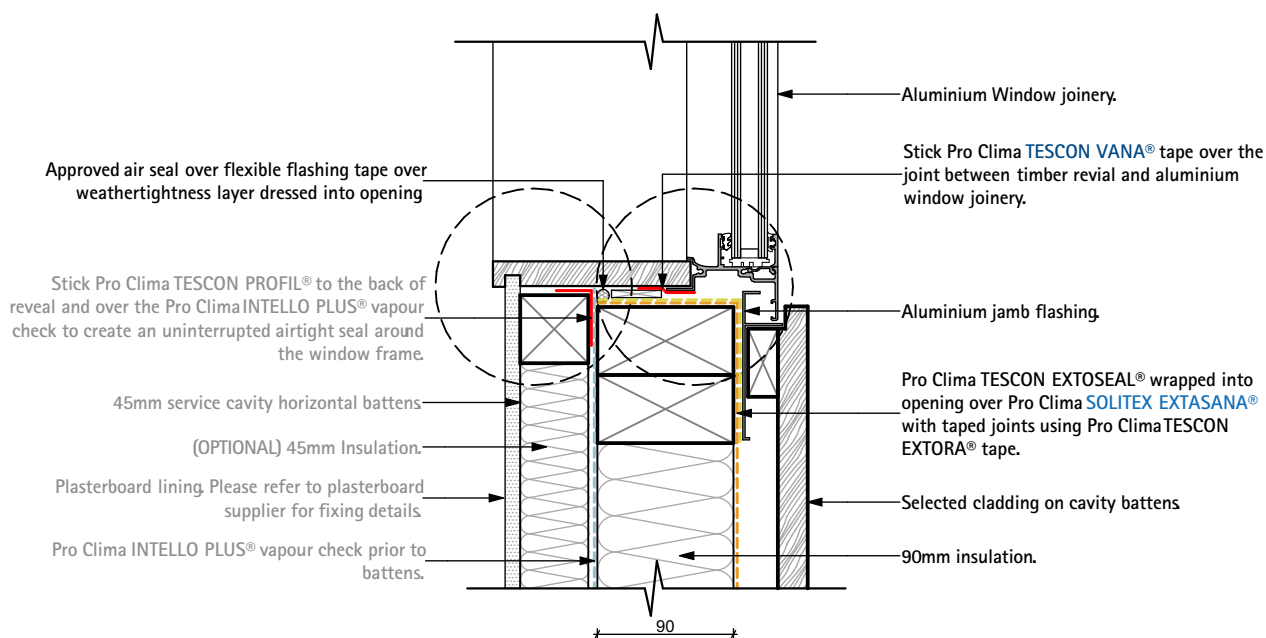


Stick Pro Clima TESCON PROFIL® to the back of reveal and over the Pro Clima INTELLO PLUS® vapour check to create an uninterrupted airtight seal around the window frame.

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Title:

**Door / Window Joinery Aluminium Jamb Detail**

Scale: 1:5, 1:2  
Revision: D  
Issued: 06-03-2019

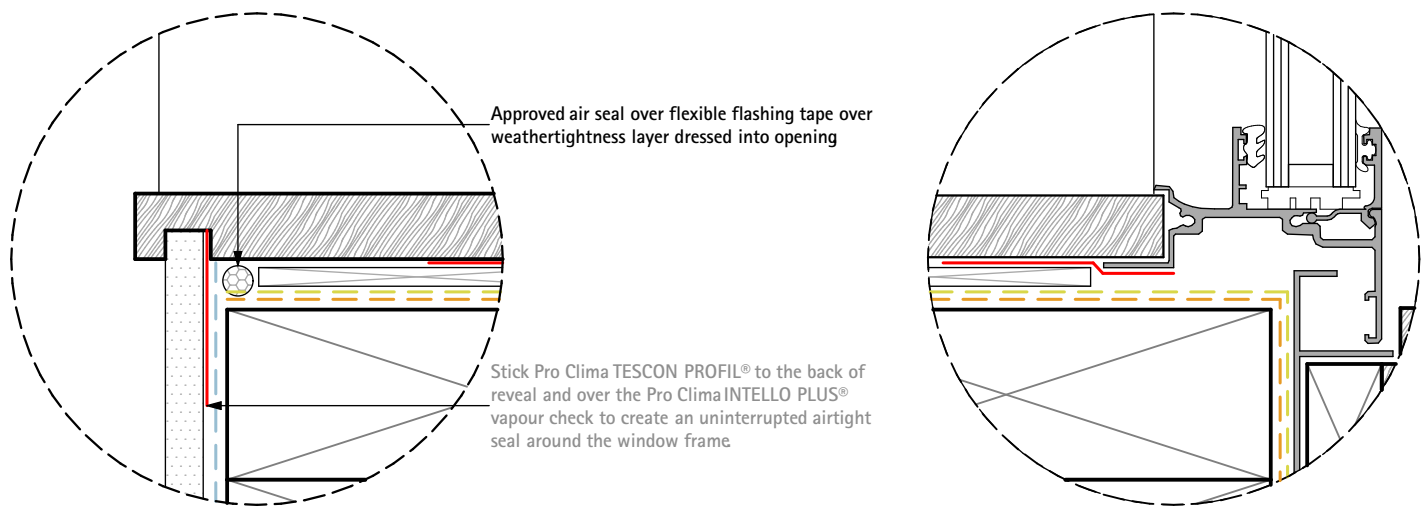
Detail  
Number:

**W4221**

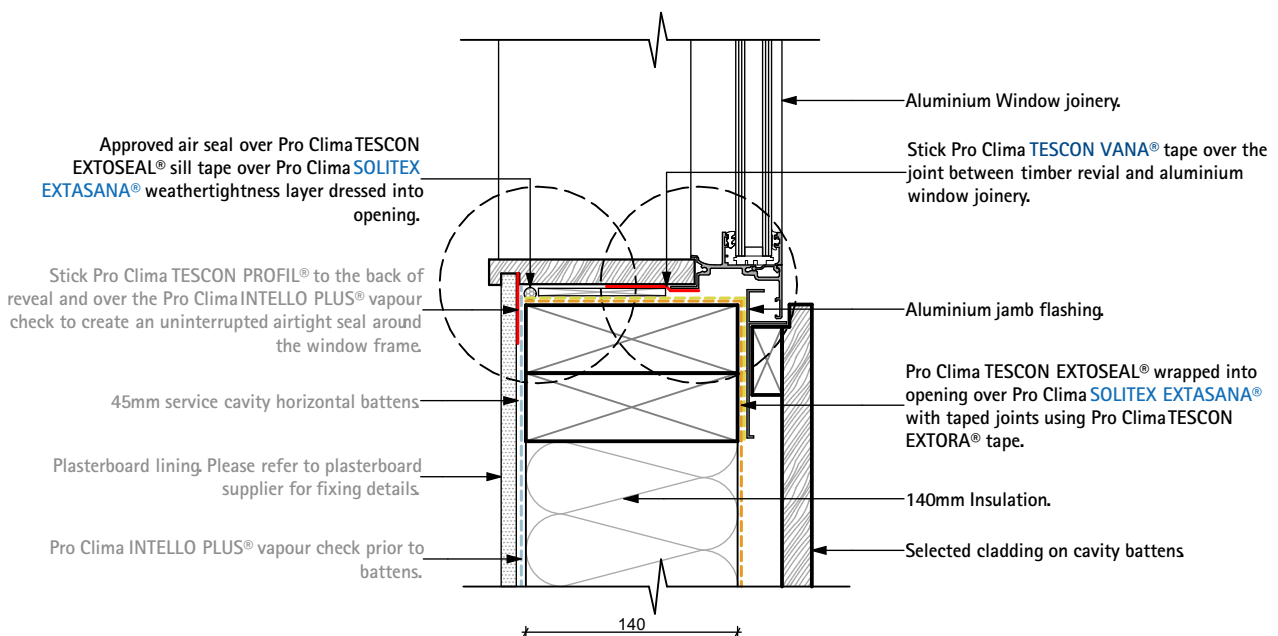
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# W4222 Pro Clima Door / Window Joinery Aluminium Jamb Detail

Typical vertical 140mm wall – Window jamb detail, Direct fixing



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Title:

**Door / Window Joinery Aluminium Jamb Detail**

Scale: 1:2, 1:5  
Revision: D  
Issued: 06-03-2019

Detail  
Number:

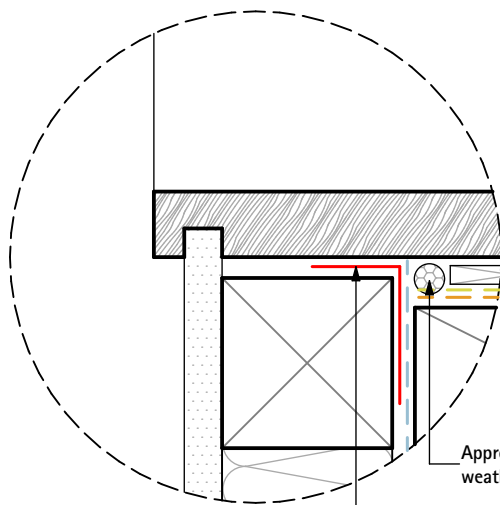
**W4222**

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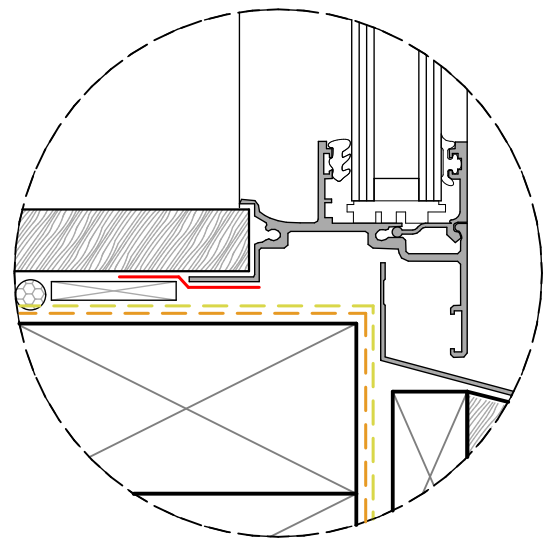
# W4231 Pro Clima Door / Window Joinery Aluminium Sill Detail

Typical vertical 90mm wall – Window sill detail with 45mm service cavity

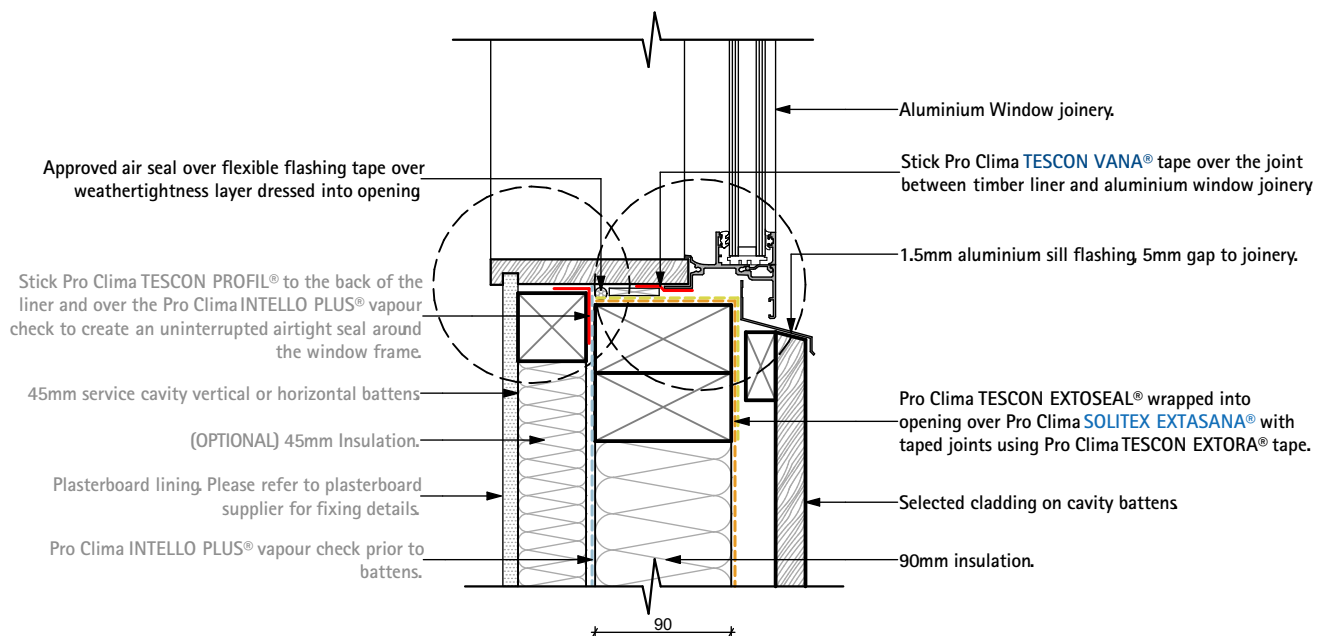


Approved air seal over flexible flashing tape over weathertightness layer dressed into opening

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Title:

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Revision: D  
Issued: 06-03-2019

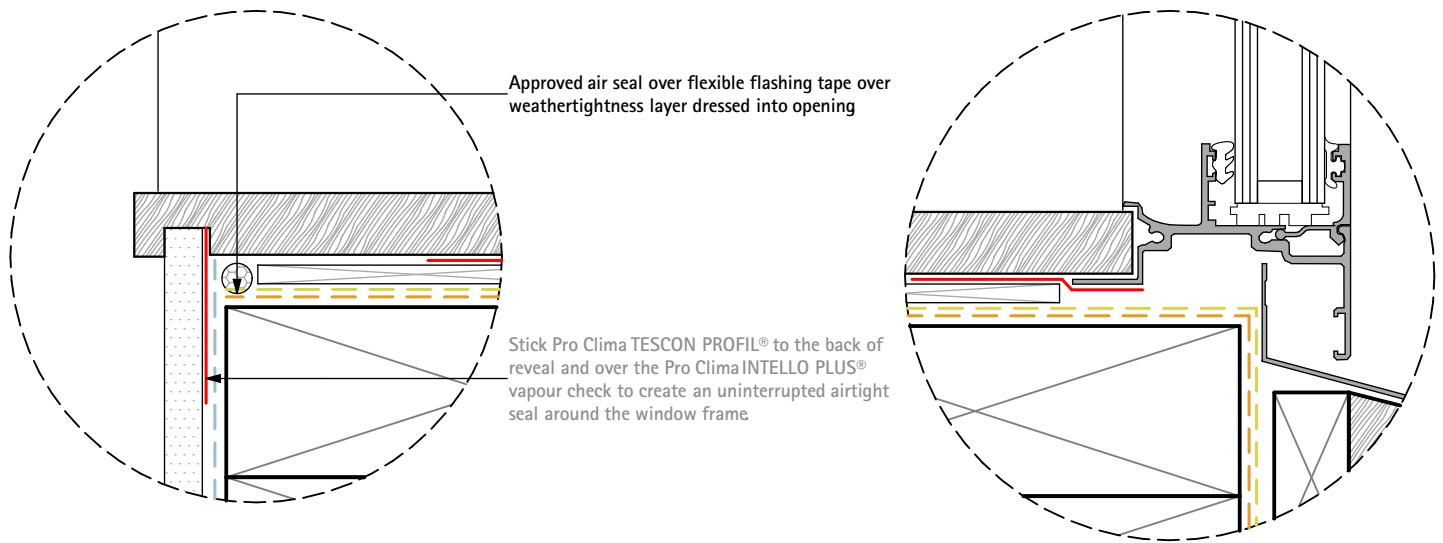
Detail  
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**W4231**

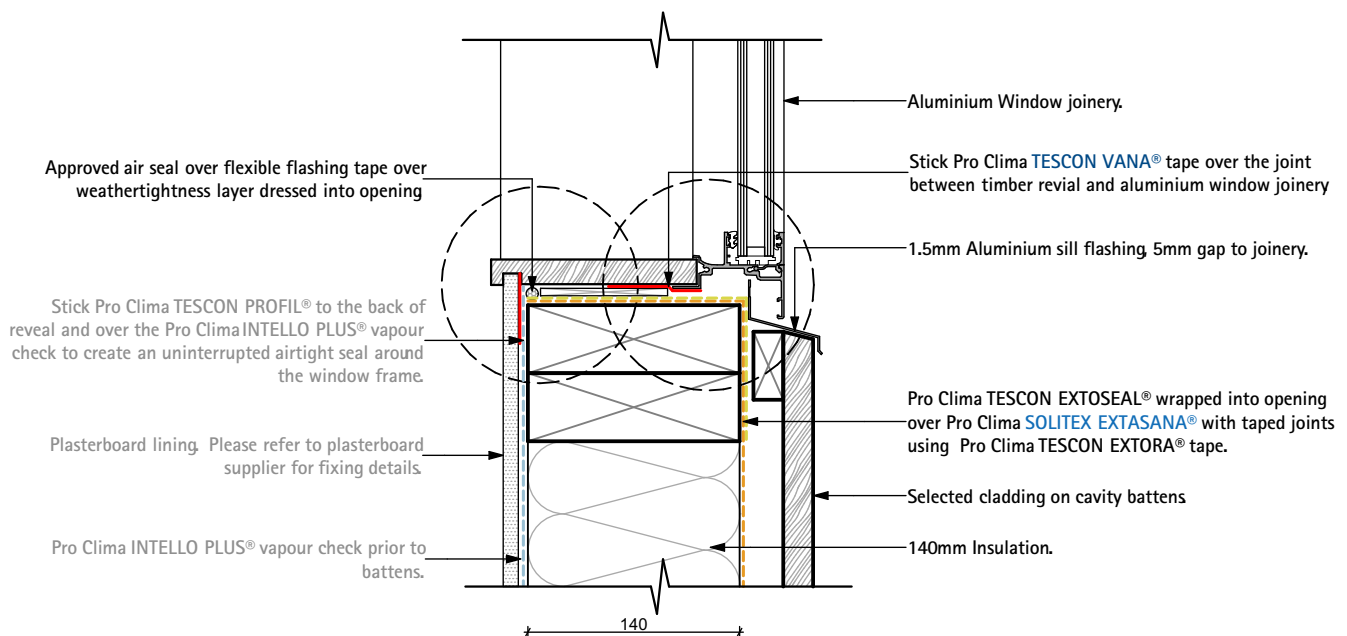
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# W4232 Pro Clima Door / Window Joinery Aluminium Sill Detail

Typical vertical 140mm wall – Window sill detail, Direct fixing



Please have a look at our WINDOW-DOOR  
REVEAL DETAIL ID No: 4001



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Title:

**Door / Window Joinery Aluminium Sill Detail**

Scale: 1:5, 1:2  
Revision: D  
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Detail  
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**W4232**

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