

## **Cedral Lap Undulated**

*Construction Details*

**Australia**



# Table of contents

General information	3
Ventilation	4
General components	5
Cedral Lap Undulated with timber batten construction	8
Cedral Lap Undulated with metal top hat construction	29



# General information

This document provides generic construction details for Cedral Lap façade systems to assist with the design of Cedral Lap façade.

Construction details in this document have been independently assessed for the purpose of compliance with the performance requirement of FP1.4 and P.2.2.2 of the NCC 2019.

The weatherproofing performance of any project specific detail or application that is different from or not included in the construction details of this document shall be evaluated by the project engineer or consultant.

It is the responsibility of the project designer, architect and engineer to ensure that the information and construction details provided in this document are appropriate for the intended application.

Cladding support frame and its connection to substructure shall be designed by the project engineer in accordance with the relevant standards. The support frame maximum deflection under the influence of load shall be limited to  $\text{Span}/250$ .

The support frame, fixings, flashings and the like shall be of adequate corrosion resistance appropriate to the corrosivity category of the project location.

Non-proprietary flashings and capping shall be designed with respect to project wind loading, relevant standards and regulations.

This document is not designed to serve as an installation guide, and is intended to be used in conjunction with other relevant technical and installation documents.

Construction details contained in this document are not to a specific scale, and are for illustration purposes only.

The information in this document is correct at the time of issuing. However, due to our committed program of continuous material and system development we reserve the right to amend or alter the information contained therein without prior notice. Please contact your local Cedral sales organisation to ensure you have the most current version.

This document is supplied in good faith and no liability can be accepted for any loss or damage resulting from its use. All the content of this document is © Copyright of Etex Group. All rights reserved.

This document is protected by International copyright laws. Reproduction and distribution in whole or in part without prior written permission is strictly prohibited. Cedral and logos are trademarks of Etex NV or an affiliate thereof. Any use without authorisation is strictly prohibited and may violate trademark laws.

# Ventilated facade

Cedral Lap and Click are designed for a ventilated façade system.

A ventilated façade is a kind of two stage construction, an inner structure with a protective outer skin, and the cladding panel or rainscreen. A ventilated façade consists of an insulated and weathertight structure, a ventilated cavity formed with a cladding support frame, and the cladding panel.

Allowance for adequate ventilation is paramount in ensuring a successful Cedral façade. Ventilated façades provide a number of added benefits to the building and its occupants. These may include but are not limited to the following:

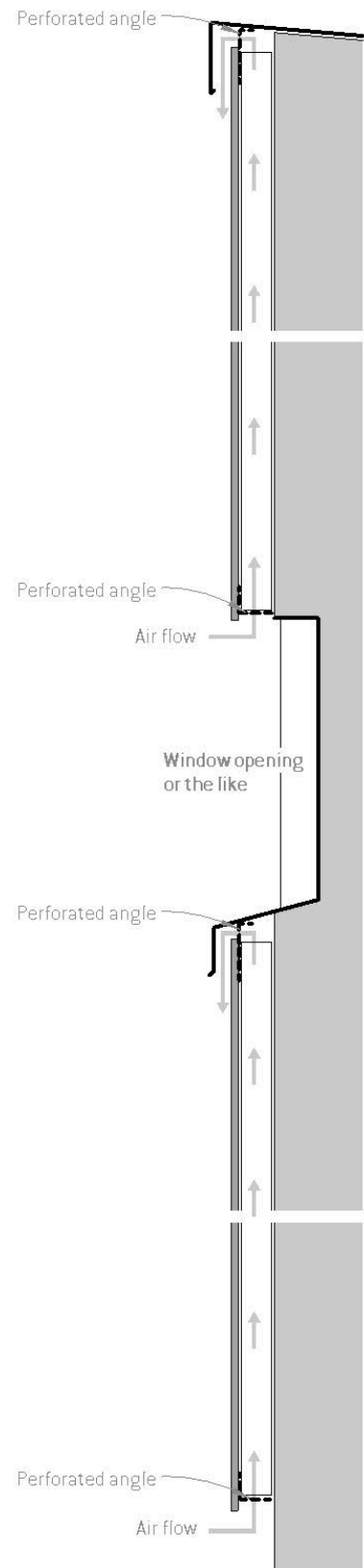
- Positive contribution to energy savings
- Minimises thermal bridges
- Assists with condensation management
- Reduces thermal movement of the structure and cladding support frame
- Dissipates radiant heat
- Increases acoustic performance of the external wall
- Provides an effective drainage path for any moisture passing the cladding skin
- Eliminates the need for exposed caulking and sealant, therefore reducing maintenance requirements
- Assists with keeping the weather barrier dry and healthy
- Provides opportunities for concealing external services such as downpipes within the cavity
- Proven to be a more sustainable and healthier façade construction
- Architectural design freedom

Air must be allowed to enter the cavity from bottom of the façade, window head, soffit, slab junctions, and the like, and exit from top of the façade, capping, window sill, slab and soffit interfaces, and the like.

All air inlets and outlets shall be protected against entry of birds and vermin into the cavity with a corrosion resistant perforated profile (angle).

The perforated angle should be of maximum 0.9mm in thickness, where placed between the cladding panel and support frame, and be of a minimum 50% open area with aperture size of maximum 3mm to 5mm. The perforations must be kept open and unobstructed to maintain drainage and ventilation of the cavity. The perforated angle shall be positioned to allow an adequate drip edge to the cladding panel.

In bushfire prone areas (BAL zones), all air inlets and outlets as well as gaps greater than 3mm shall be covered with a perforated angle, with aperture size of no greater than 2mm as per AS3959. In these areas, all horizontal panel joints should be baffled, and the wall construction shall be in accordance with AS3959.





# General components



CEDRAL LAP WOOD

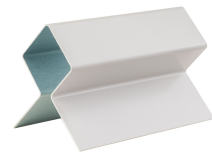


CEDRAL LAP SMOOTH

Cedral Lap is supplied in a range of 22 factory applied colours and two wood stain finishes, providing an aesthetic option to suit most project requirements. Refer to <https://www.cedral.world/en-au/cladding/> for all available colours and finishes. Bespoke colours are subject to minimum order quantities and extended lead times.

## CEDRAL LAP profiles

Symmetrical external corner profile



Asymmetrical external corner profile



External corner junction (connector) profile



**Internal corner profile**



# General components

## End profile



## EPDM strip

0,75mm flat EPDM strip 100mm wide.

Applied on timber cavity battens for moisture protection as specified on the construction details



## EPDM compressible gasket

Tesa® 61102

A compressible closed-cell EPDM gasket used for sealing interfaces with flashings and the like  
Minimum width: 9mm.



## Expanding foam gasket

pro clima CONTEGA® FIDEN EXO

A pre-compressed sealing tape used to seal interfaces with window joineries and the like as specified on the construction details.

The required tape size depends on the gap which needs to be sealed. Refer to pro clima CONTEGA® FIDEN EXO datasheet to determine the required tape size.



## Weather resistive barrier option 1

pro clima SOLITEX EXTASANA®

Cedral façade systems have been assessed with pro clima SOLITEX EXTASANA® for the purpose of compliance with NCC FP1.4 & P2.2.2 for the following scope:

- Serviceability wind pressure: Up to  $\pm 1515\text{Pa}$
- Ultimate wind pressure: Up to  $\pm 2500\text{Pa}$

pro clima SOLITEX EXTASANA® shall be applied in accordance with pro clima SOLITEX EXTASANA® installation guidelines and relevant standards.



# General components

## Weather resistive barrier option 2 Siniat Weather Defence®

Where a rigid air barrier is required Siniat Weather Defence® may be used.  
It shall be applied in accordance with Siniat Weather Defence® Technical Manual and guidelines. Same wind pressure limits as those of Option 1 apply unless otherwise specified by project engineer.



## Flashing tape pro clima TESCON EXTORA®

A pressure sensitive adhesive tape for overlaps and end laps used with both weather resistive barrier options.



## Sill tape pro clima TESCON EXTONSEAL®

A flexible tape for use around window and door openings, used with both weather resistive barrier options.



## Sealing tape pro clima TESCON® NAIDECK mono patch

A single-sided adhesive nail or screw sealing adhesive used with both weather resistive barrier options.



## Foil tape pro clima TESCON® ADHISO WS

A pure aluminium tape for wet seal connections to TESCON EXTONSEAL® and EXTORA® and SOLITEX EXTASANA®.



## Grommet pro clima ROFLEX and KALFEX

pro clima ROFLEX is used to seal pipe and pro clima KALFEX for cable penetrations. pro clima ROFLEX and KALFEX are used with both weather resistive barrier options.



**Cedral Lap Undulated**  
***With Timber Batten Construction***  
***Class 1 & 10 buildings***





# Fixings and support frame

## CEDRAL LAP Undulated with timber batten construction - Class 1 & 10 buildings

Cedral Lap may be fixed vertically in an undulated pattern to horizontal timber battens.

### Fixings

Cedral dome head colour matched screw for screw fixing Cedral Lap to timber batten as specified on the construction details

(4,2 x 52 mm, head diameter ~ 8,5 mm, drill point, Torx T20, stainless steel 304)



Cedral Lap countersunk timber screw for screw fixing Cedral Lap to timber batten as specified on the construction details

(4.0 x 45 mm, head diameter ~ 7,7 mm, drill point, countersunk head with milling ribs, TORX T20, stainless steel 304)



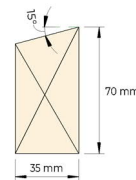
### Support frame

Cedral Lap may be fixed to horizontal timber battens with minimum depth of 35mm and width of 70mm (35 x 70 mm) chamfered at the top with 15-degree slope. Suitable vertical 45x20mm cavity battens are used behind the horizontal chamfered battens to form a 20mm gap between weather barrier and the horizontal battens for ventilation and drainage purposes.

Timber battens shall be of minimum preservative treatment of H3, and of minimum structural grade of MGP10 as per the relevant standards.

Maximum deflection of support framing must be limited to  $\text{Span}/250$ . Structure and support frame shall be designed to relevant standards including, but not limited to, the following:

- AS/NZS 4600 – Cold-formed steel structures
- AS 1684 – Residential timber-framed buildings





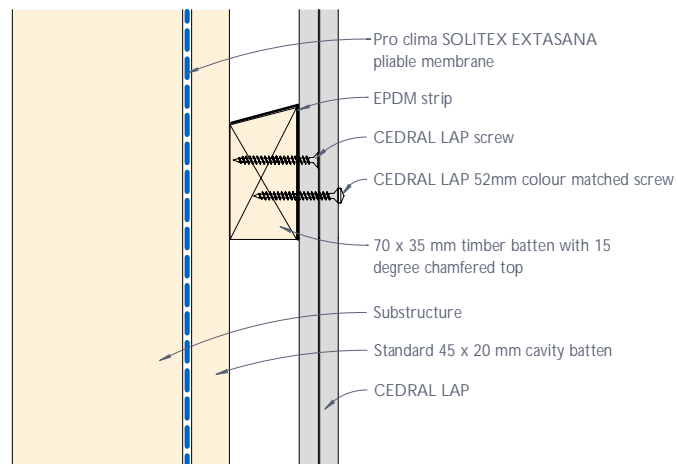


Figure 3: CEDRAL LAP typical vertical section

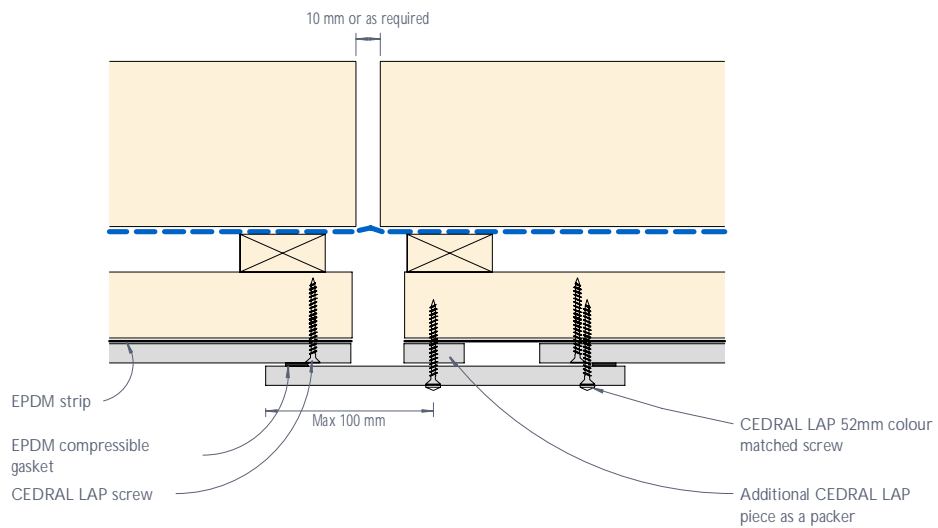


Figure 4: CEDRAL LAP vertical control joint - Detail 1

Note  
Support frame (battens) must NOT be fixed crossing over a control joint.

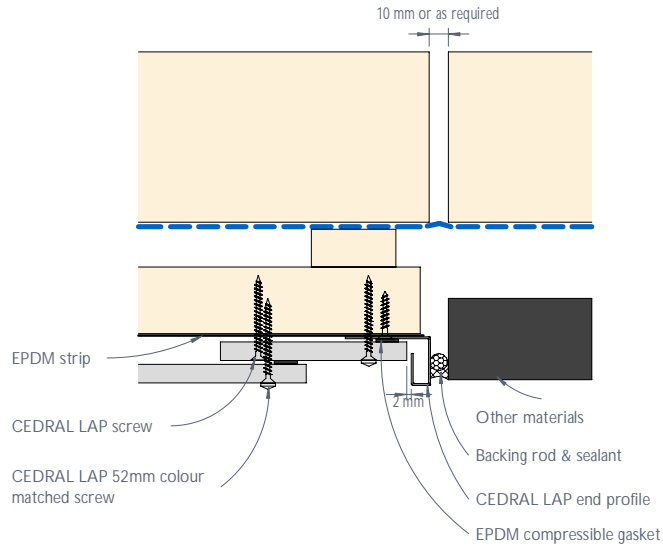


Figure 5: CEDRAL LAP vertical control joint - Detail 2

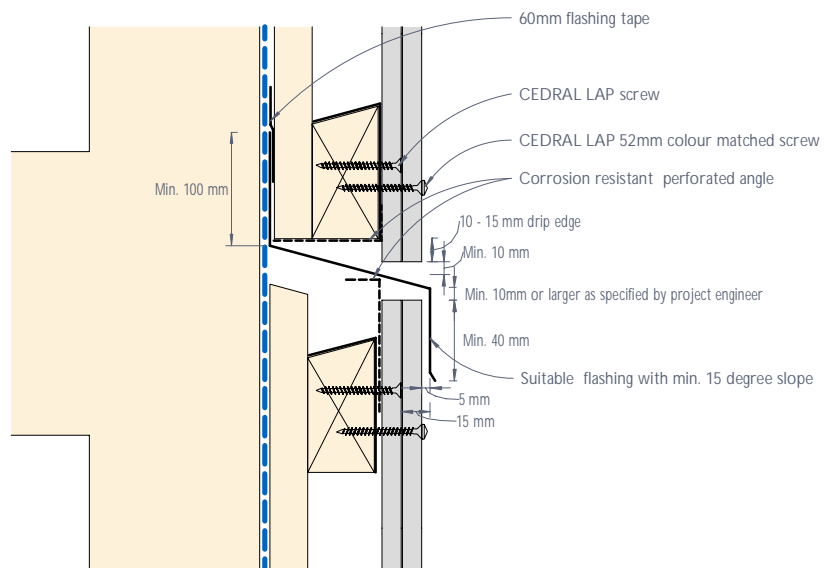


Figure 6: CEDRAL LAP horizontal control joint and inter-storey detail

#### Notes

- 1) Support frame (battens) must NOT be fixed crossing over a control joint.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

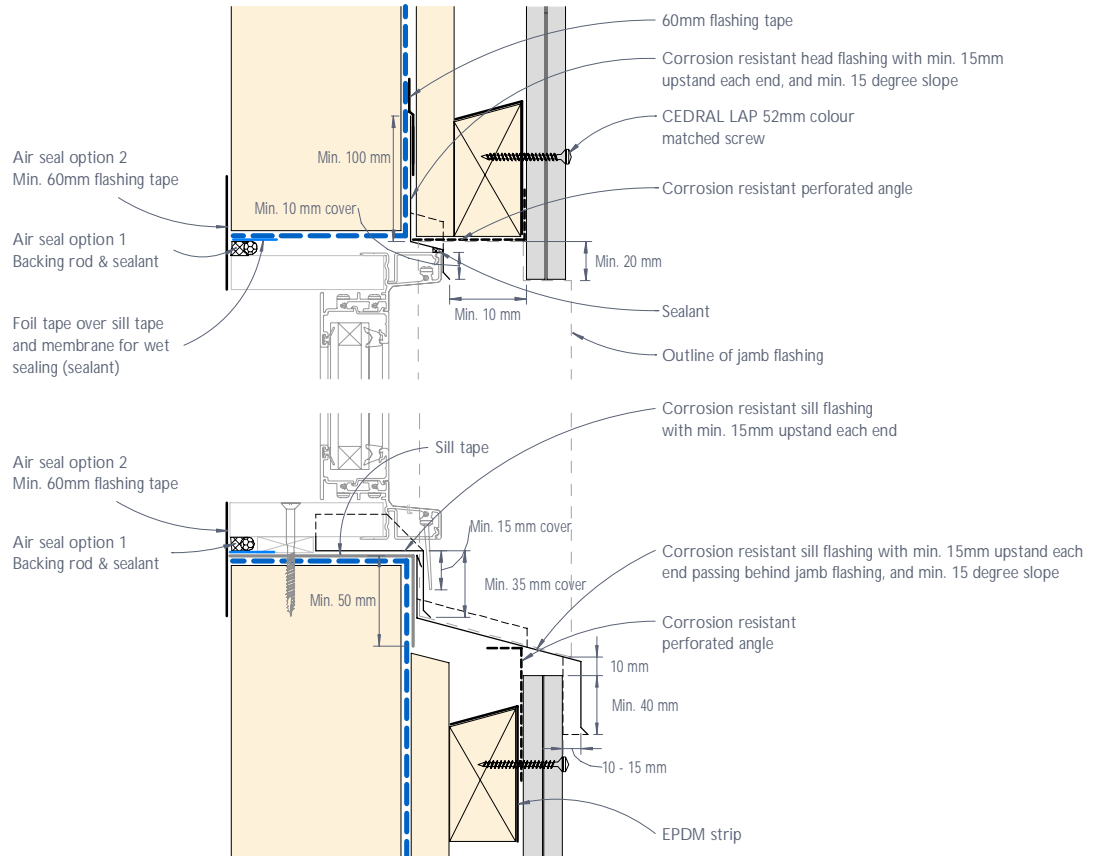


Figure 7: CEDRAL LAP typical residential window head and sill junction

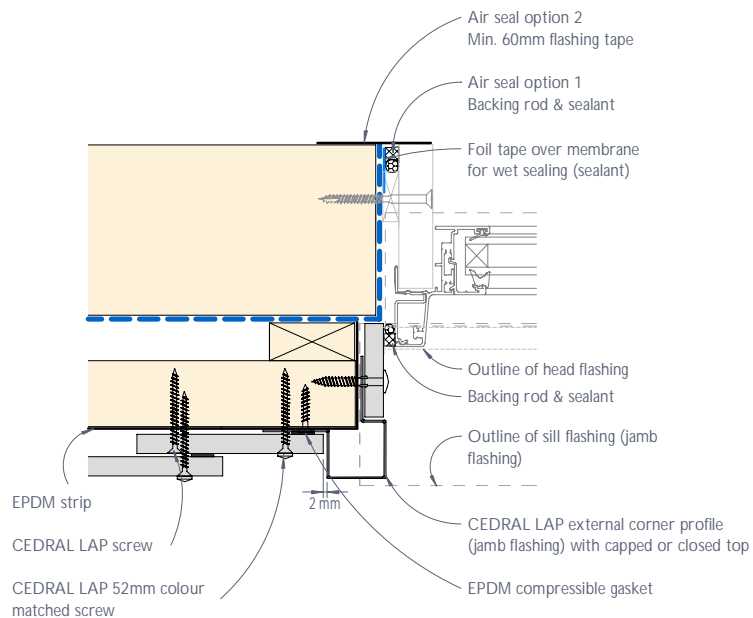


Figure 8: CEDRAL LAP typical residential window jamb junction or the like

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

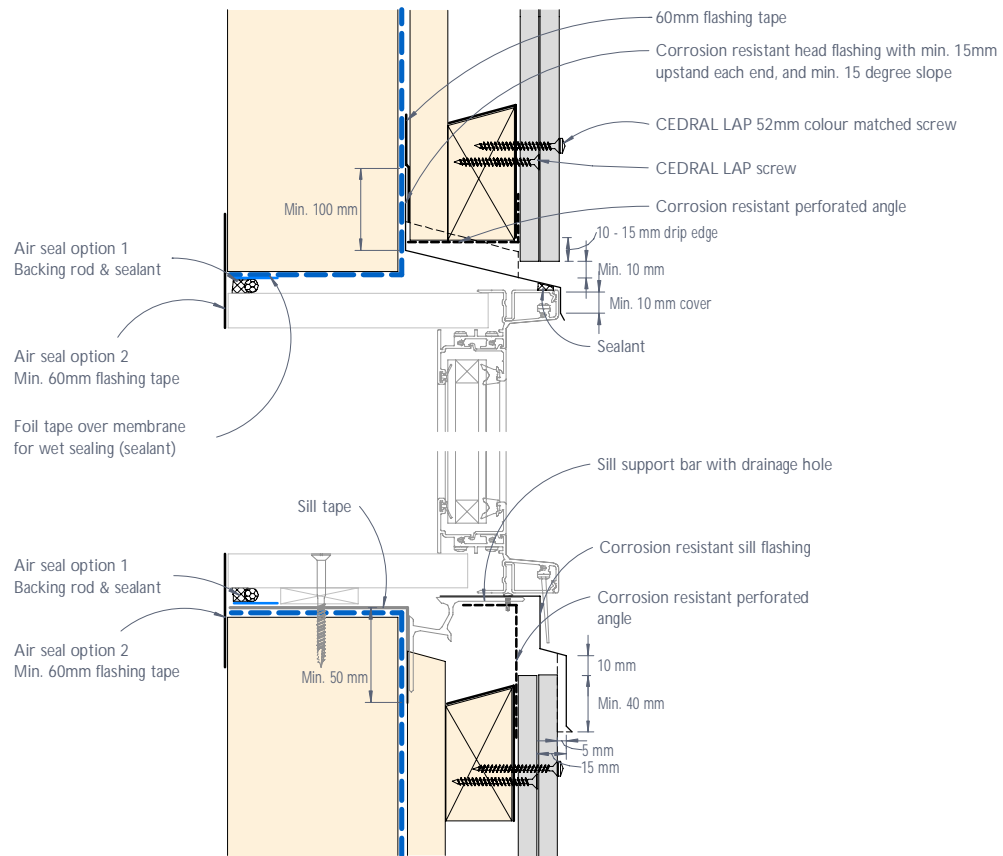


Figure 9: CEDRAL LAP typical residential window head and sill junction

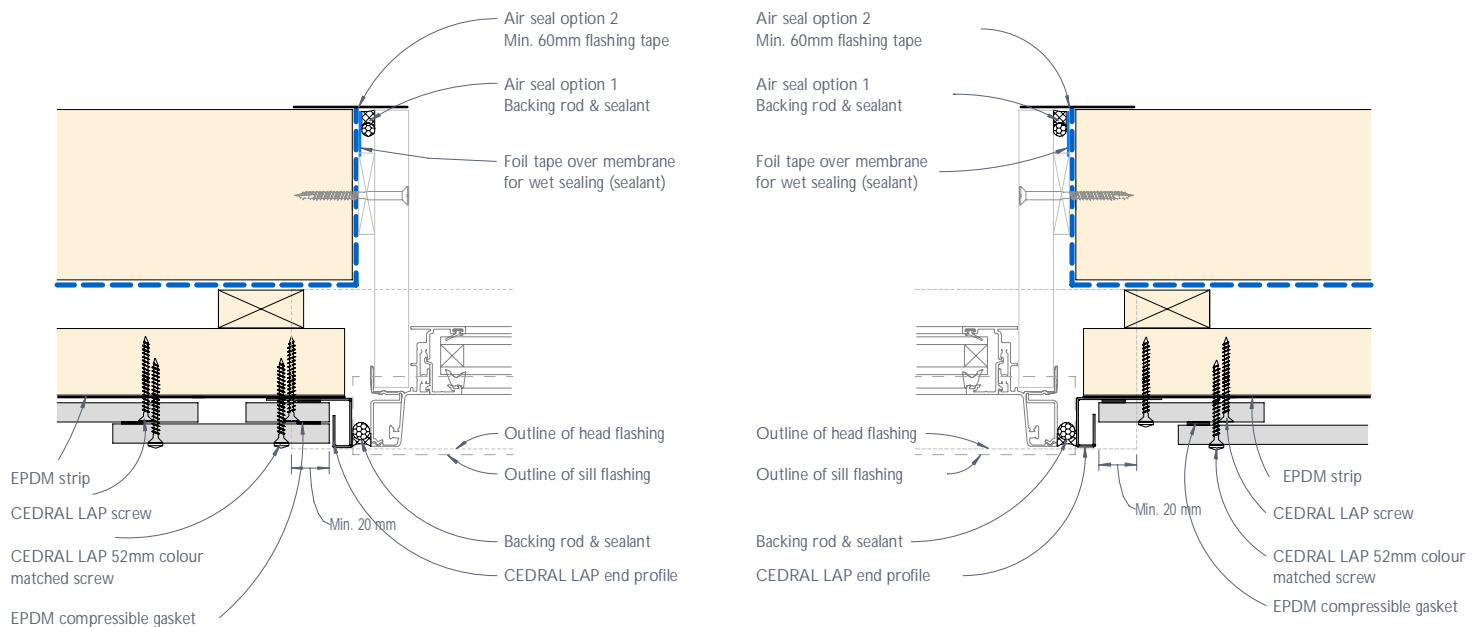


Figure 10: CEDRAL LAP typical residential window jamb junction or the like

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

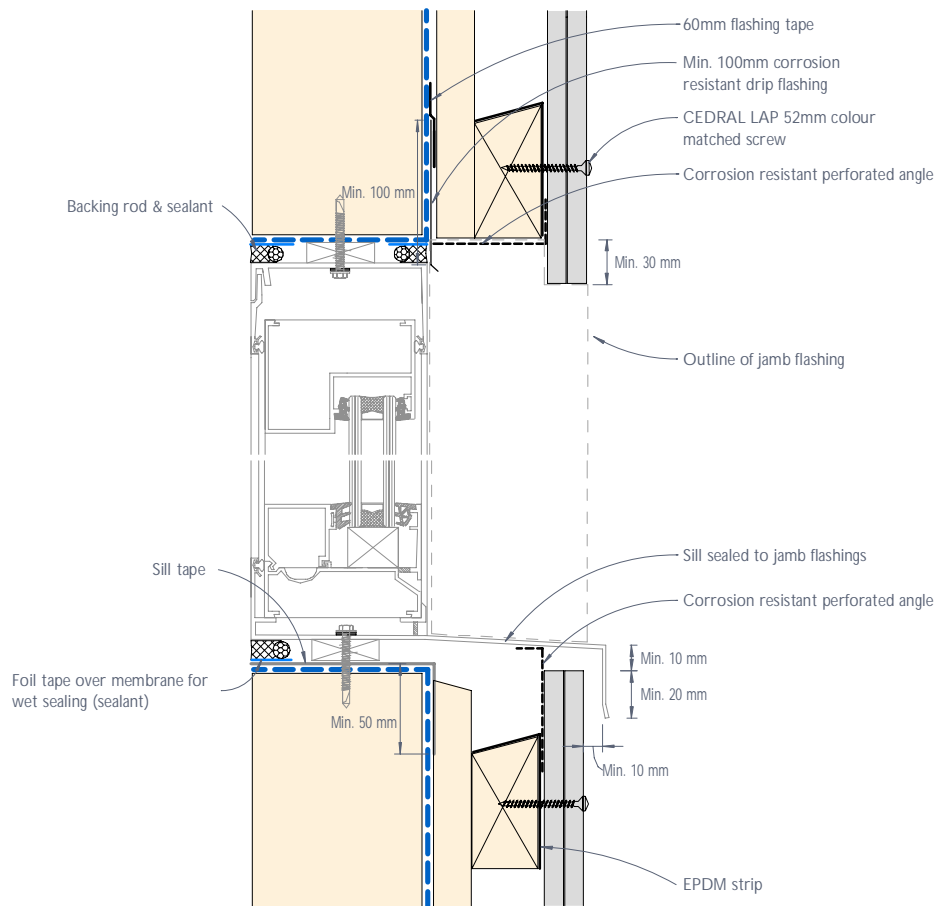


Figure 11: CEDRAL LAP typical commercial window head and sill junction

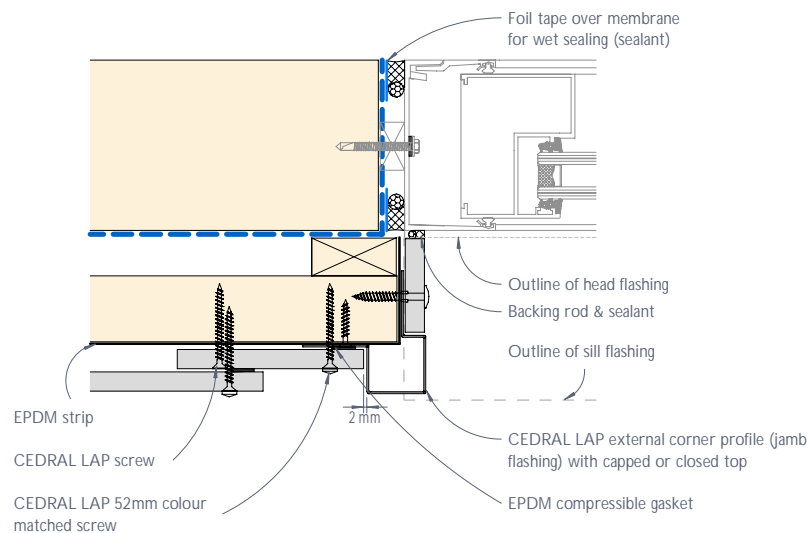


Figure 12: CEDRAL LAP typical commercial window jamb junction or the like

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

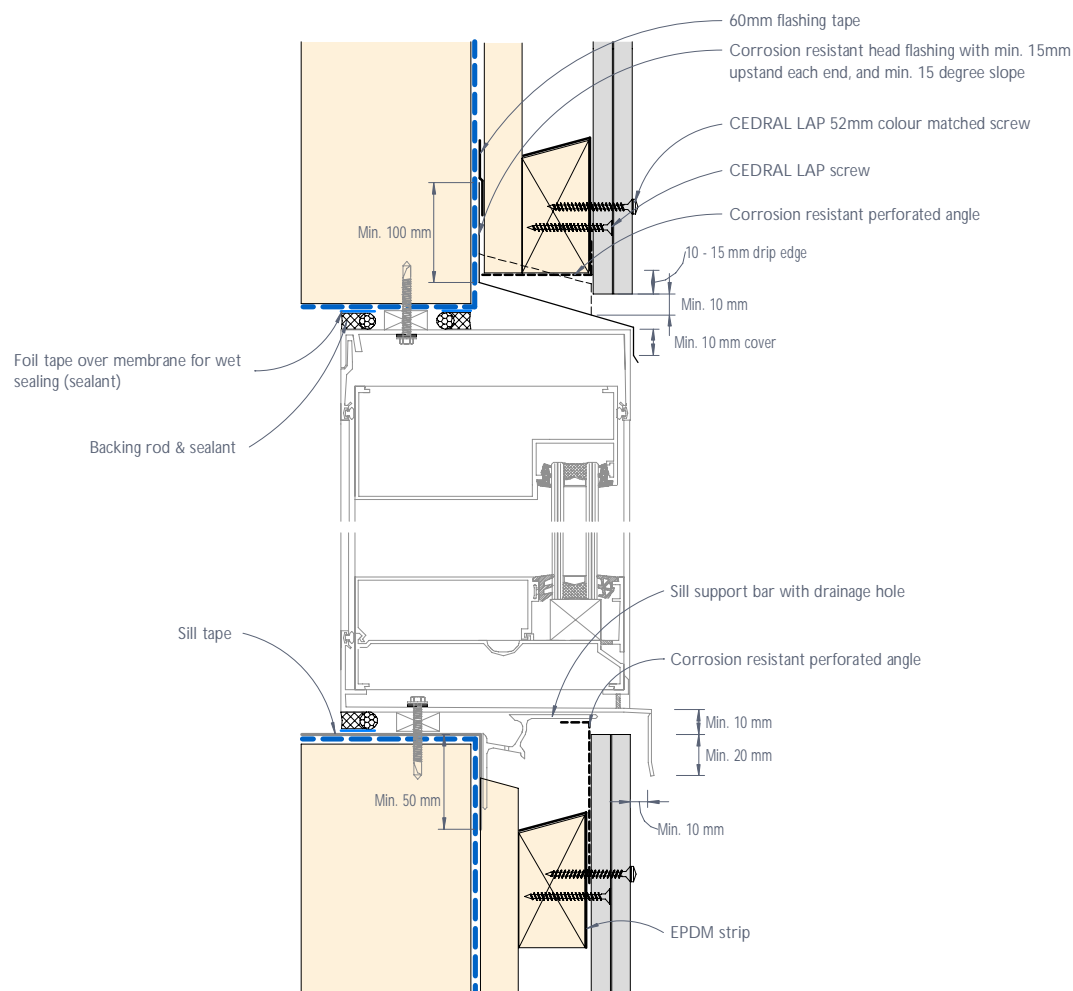


Figure 13: CEDRAL LAP typical commercial window head and sill junction

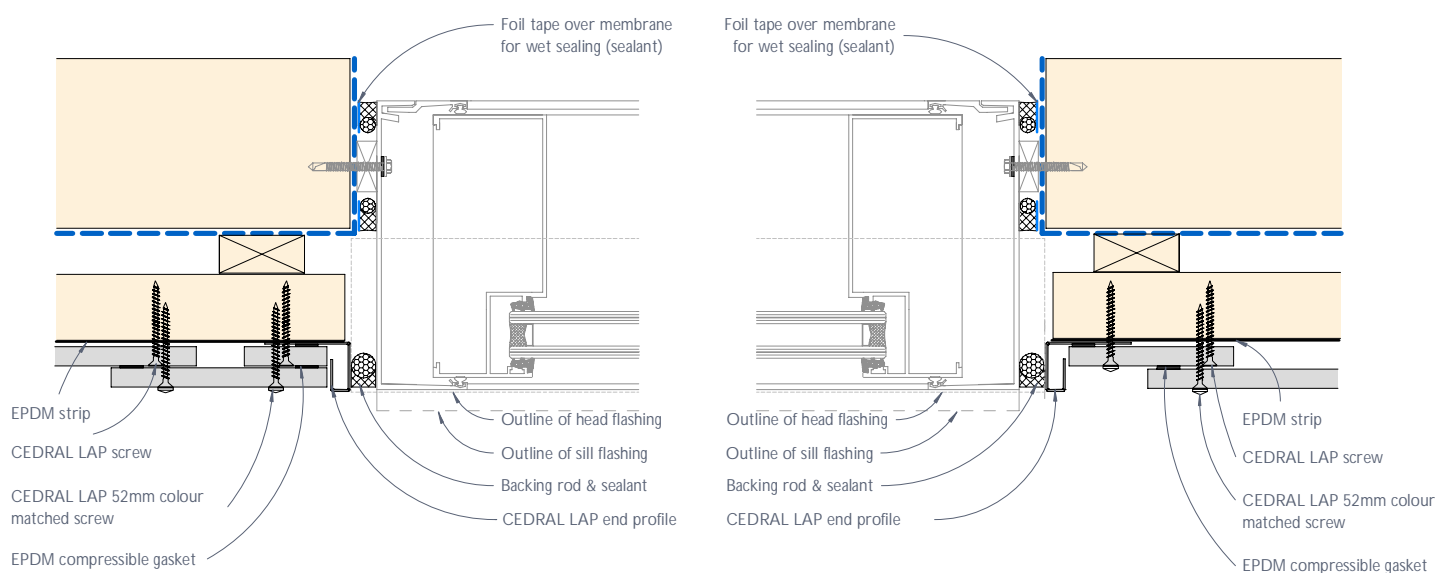


Figure 14: CEDRAL LAP typical commercial window jamb junction or the like

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.



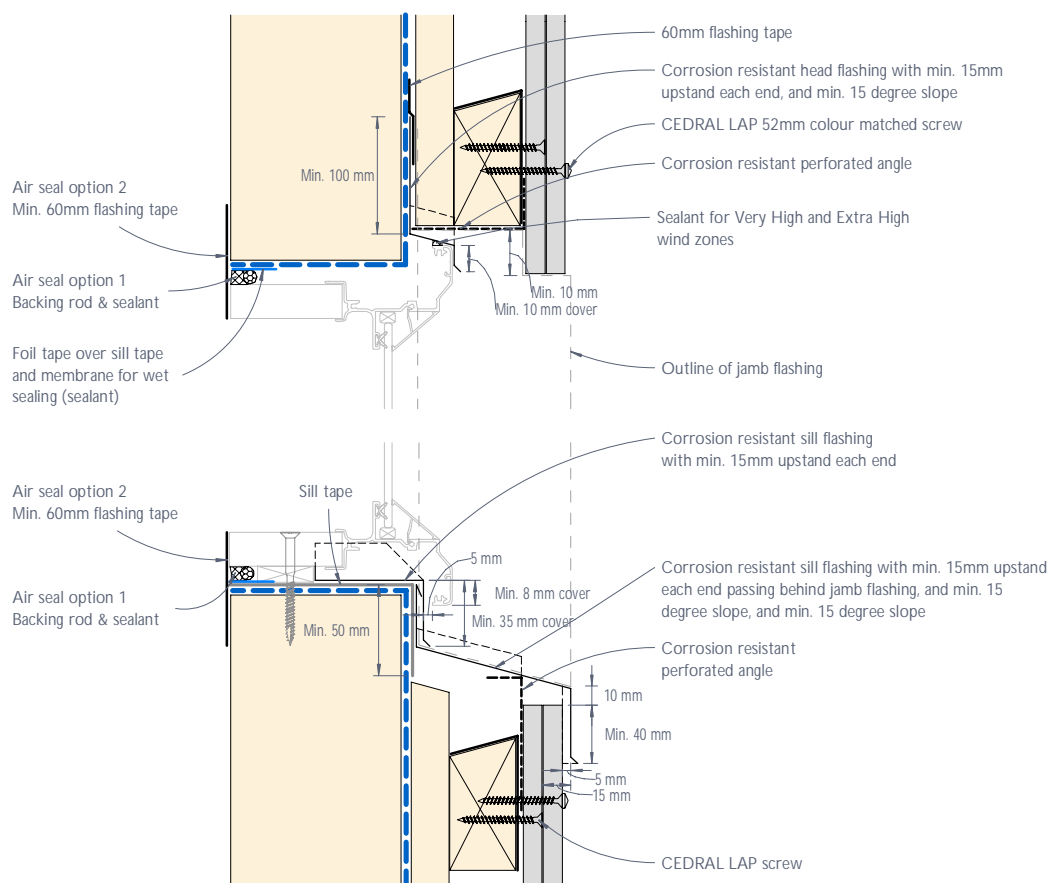


Figure 15: CEDRAL LAP typical flange window head and sill junction or the like - Recessed detail

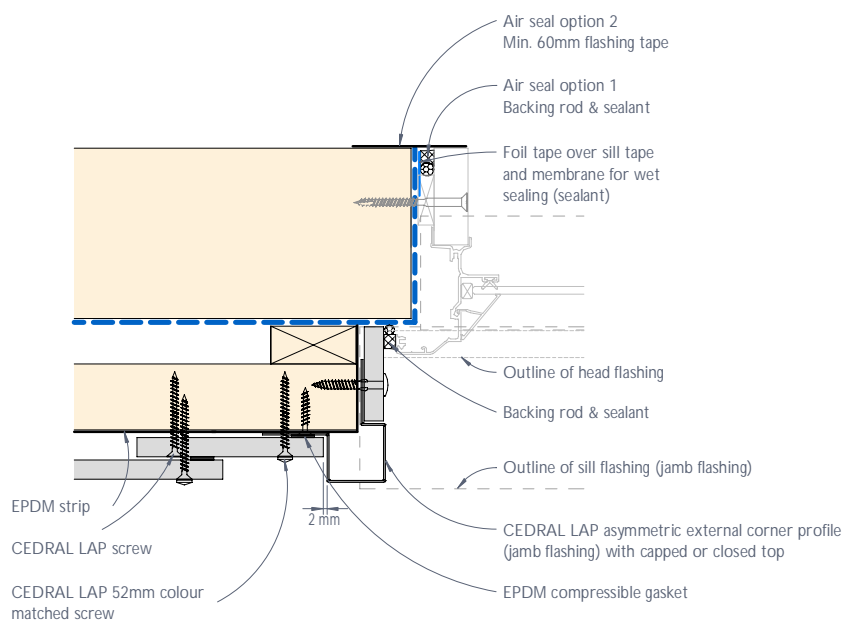


Figure 16: CEDRAL LAP typical flange window jamb junction or the like - Recessed detail

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

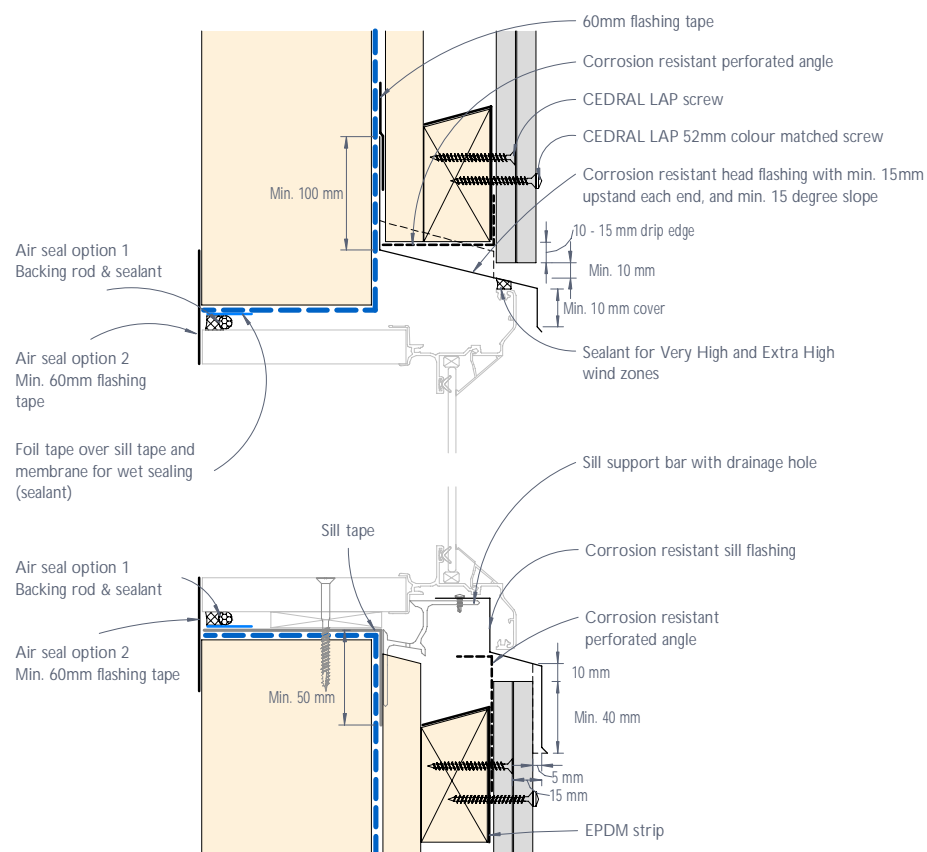


Figure 17: CEDRAL LAP typical flange window head and sill junction or the like - Flush detail

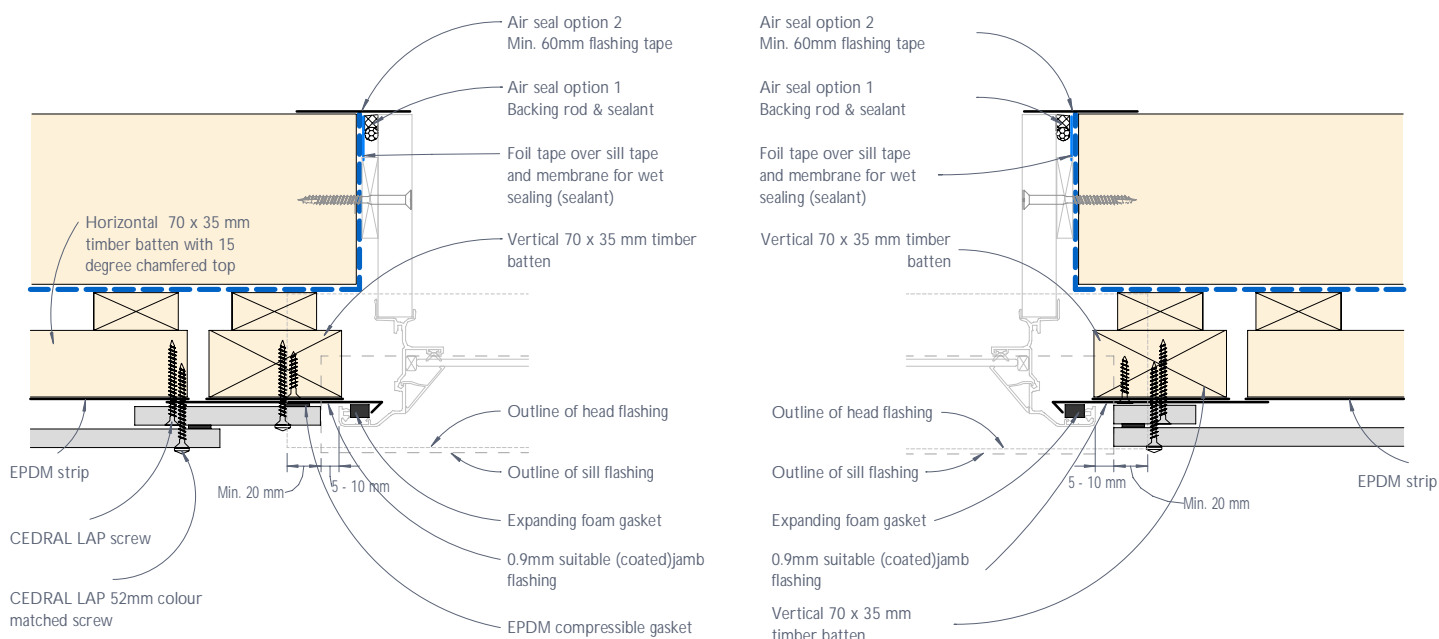


Figure 18: CEDRAL LAP typical flange window jamb junction or the like - Flush detail

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

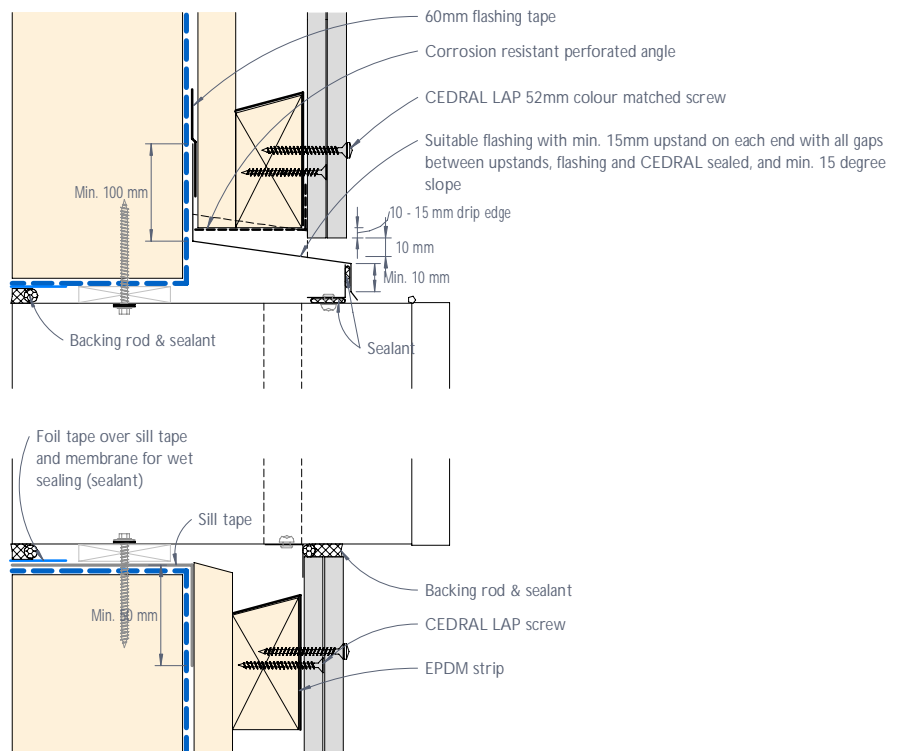


Figure 19: CEDRAL LAP meter box junction - Section

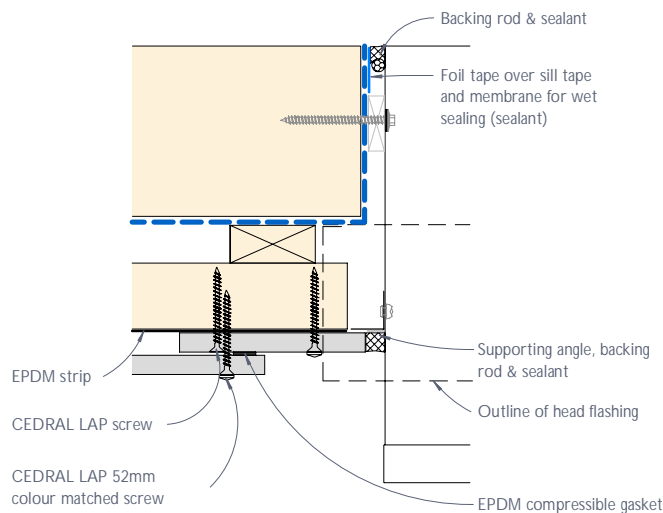


Figure 20: CEDRAL LAP meter box junction Plan view

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

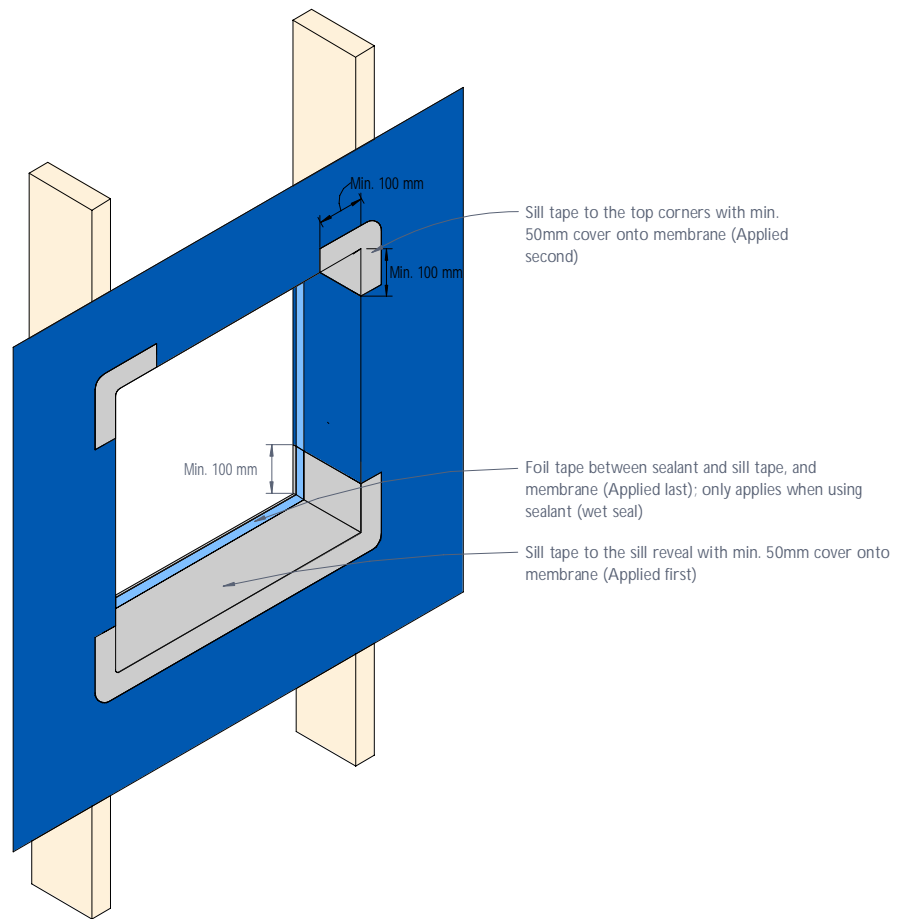


Figure 21: Isometric view of window/meter box opening - Tape application

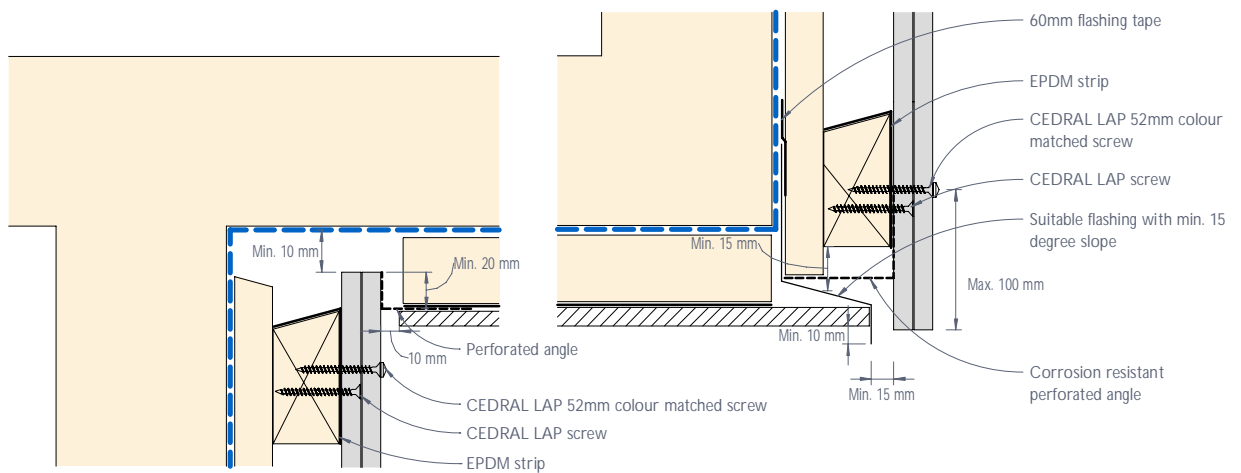


Figure 22: CEDRAL LAP soffit junction

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

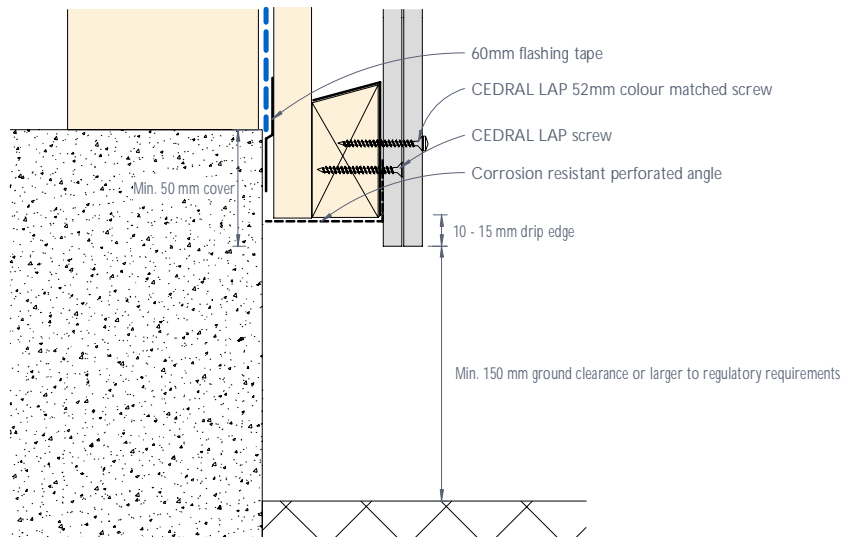


Figure 23: CEDRAL LAP base detail

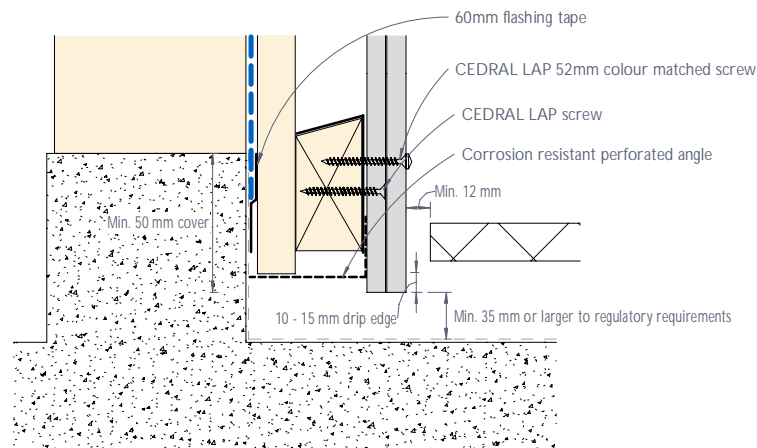


Figure 24: CEDRAL LAP base detail - Covered area

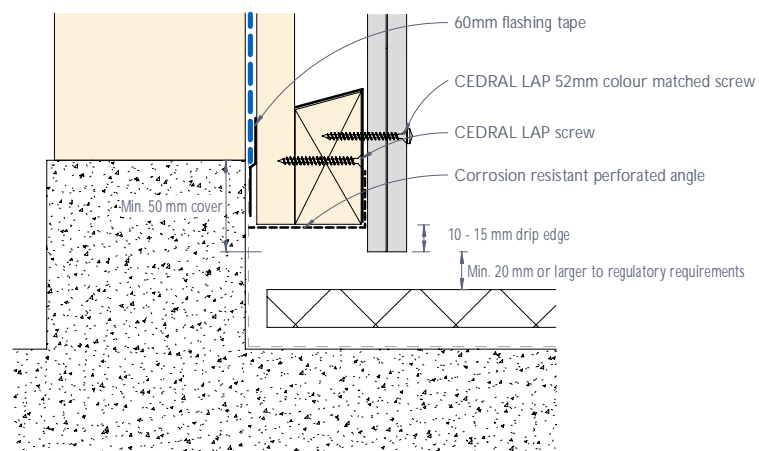


Figure 25: CEDRAL LAP base detail - Balcony

#### Notes

- 1) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.
- 2) Refer to pro clima's application guide for the application of the flashing tape and any pre-treatment required on various substrates including concrete and masonry.

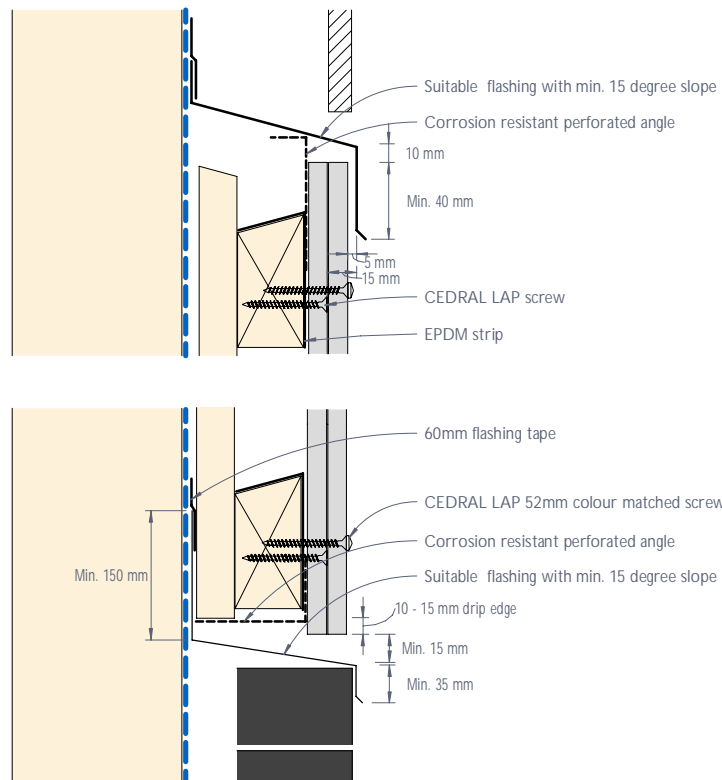


Figure 26: CEDRAL LAP junction with other materials - Flush detail

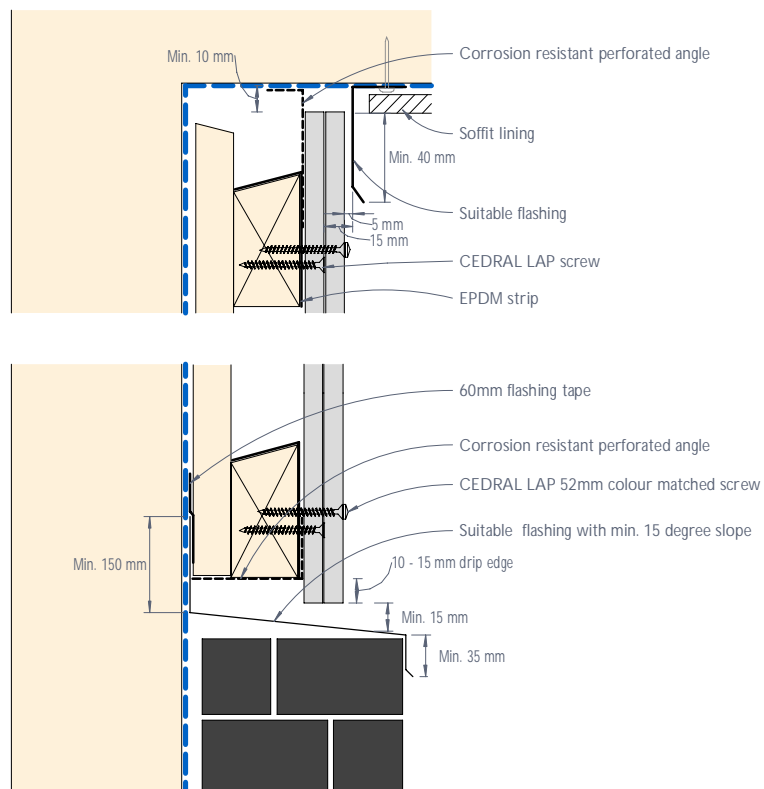


Figure 27: CEDRAL LAP junction with other materials, eaves or the like - Recessed detail

#### Notes

1) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

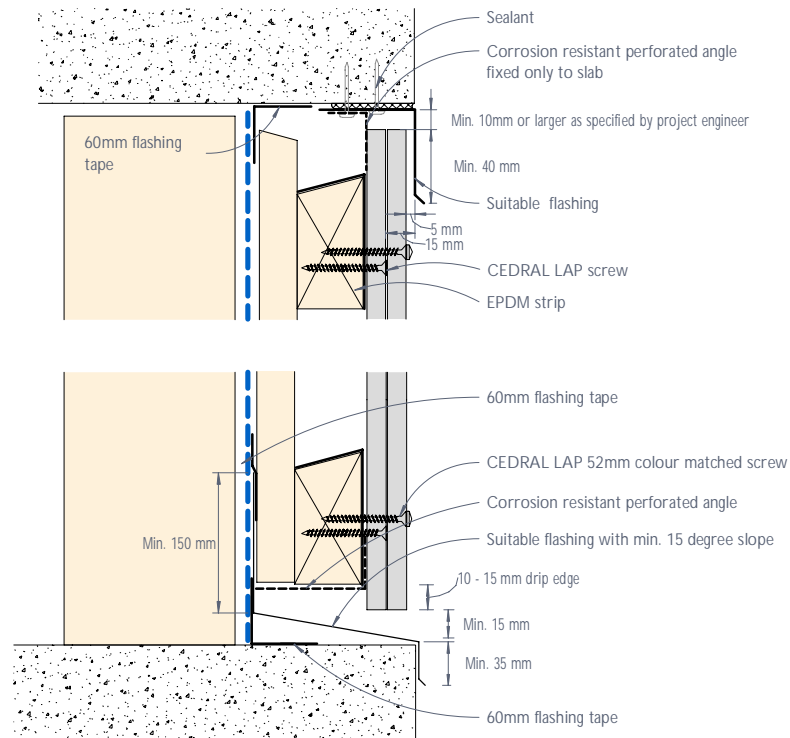


Figure 28: CEDRAL LAP junction with exposed concrete slab or beam - Cladding flush

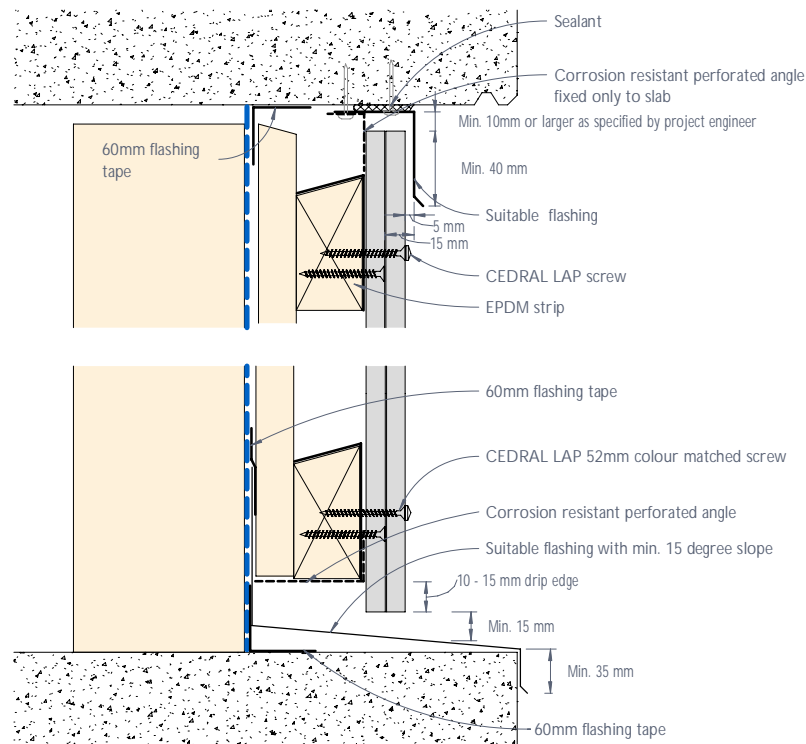


Figure 29: CEDRAL LAP junction with exposed concrete slab or beam - Cladding recessed

#### Notes

- 1) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.
- 2) Refer to pro clima's application guide for the application of the flashing tape and any pre-treatment required on various substrates including concrete and masonry.

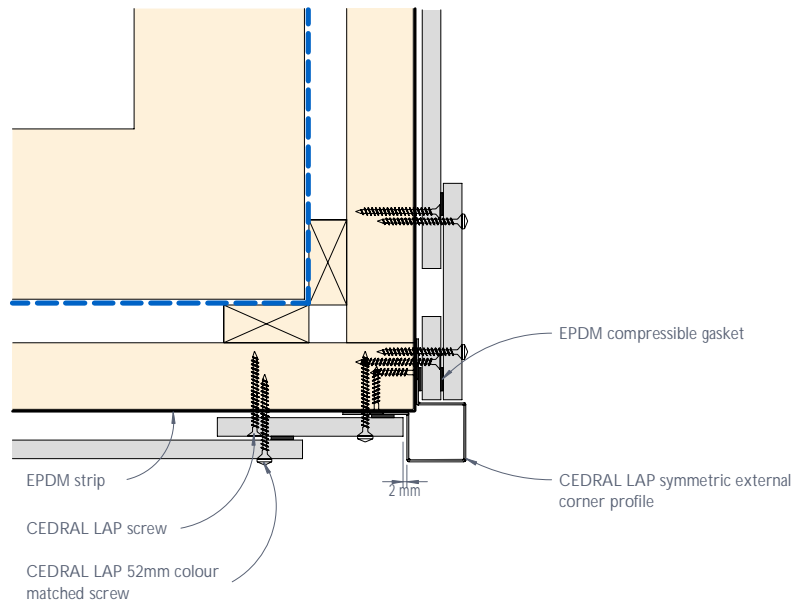


Figure 30: CEDRAL LAP typical external corner

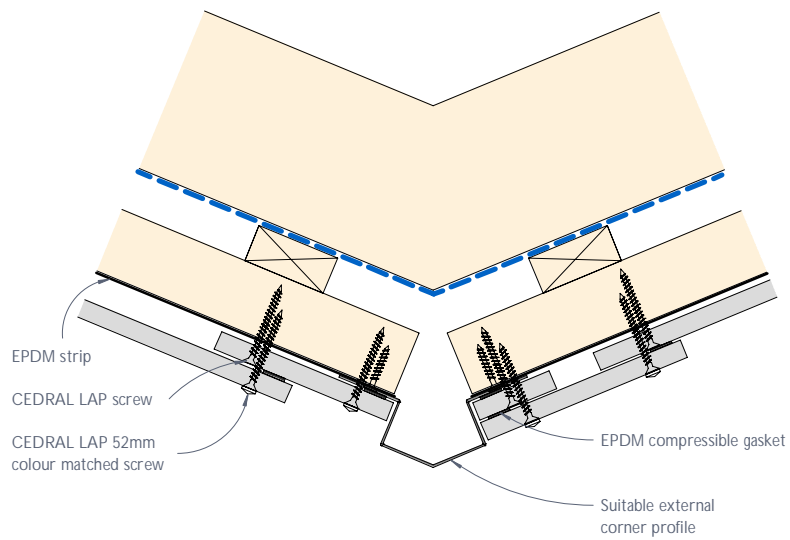


Figure 31: CEDRAL LAP 45 degree external corner



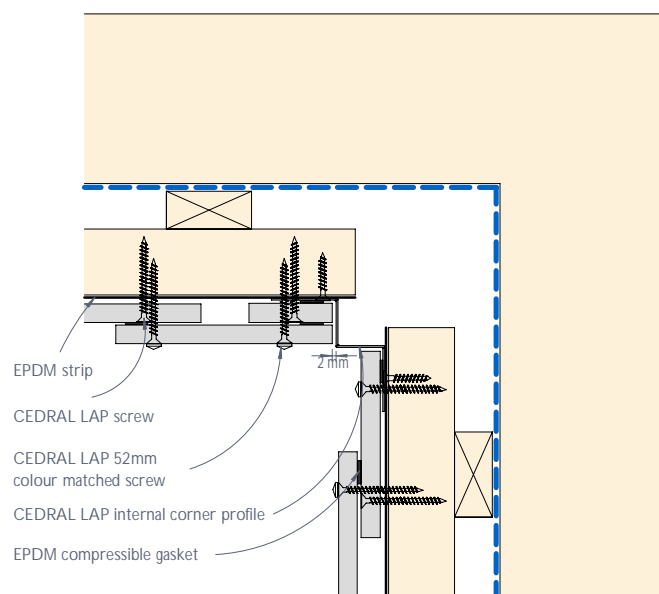


Figure 32: CEDRAL LAP internal corner

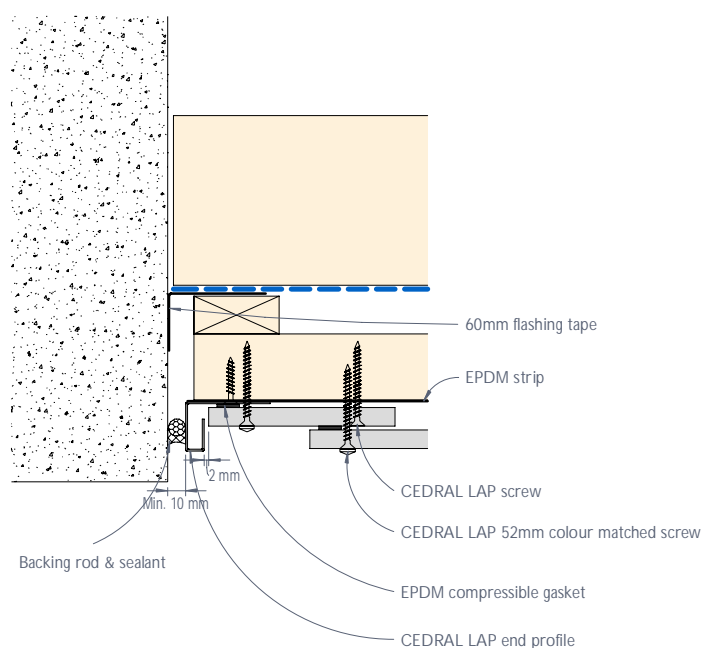


Figure 33: CEDRAL LAP abutment

#### Note

Refer to pro clima's application guide for the application of the flashing tape and any pre-treatment required on various substrates including concrete and masonry.

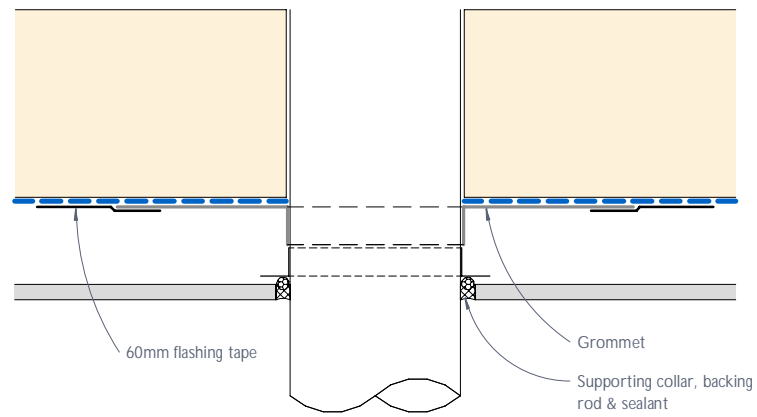


Figure 34: Pipe penetration - Plan view

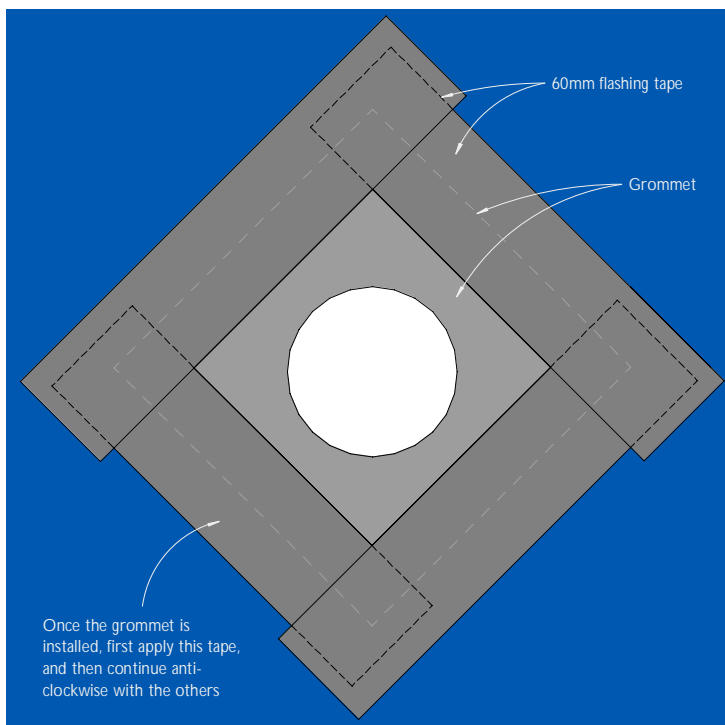


Figure 35: Pipe penetration - Elevation

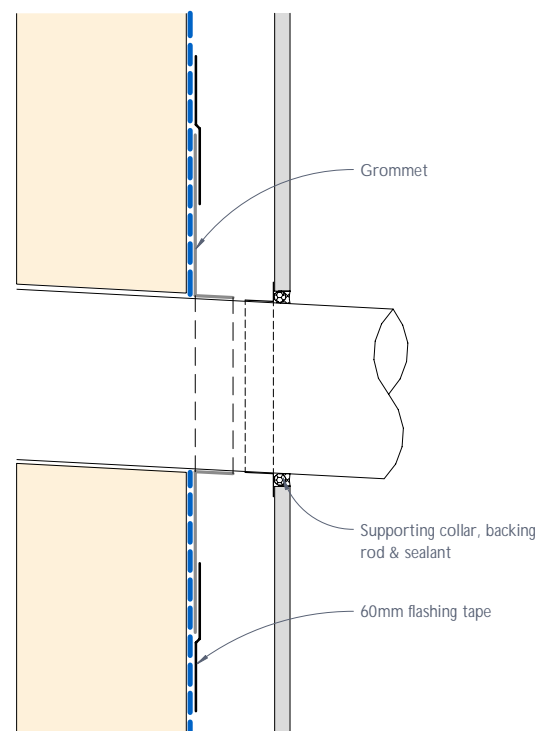


Figure 36: Pipe penetration - Section

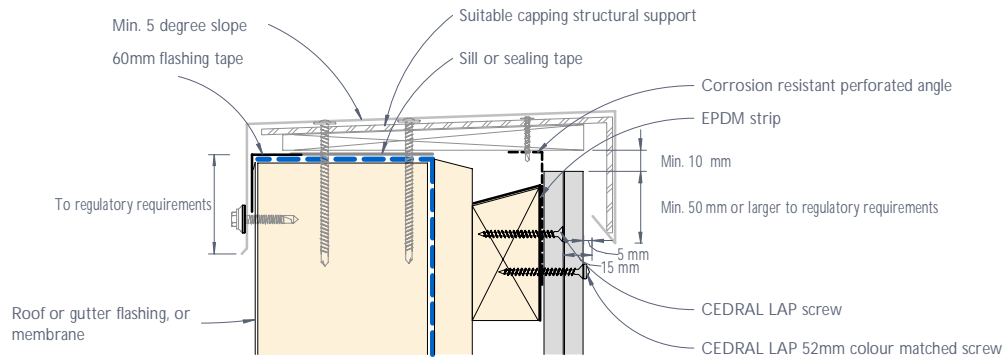


Figure 37: CEDRAL LAP typical capping detail

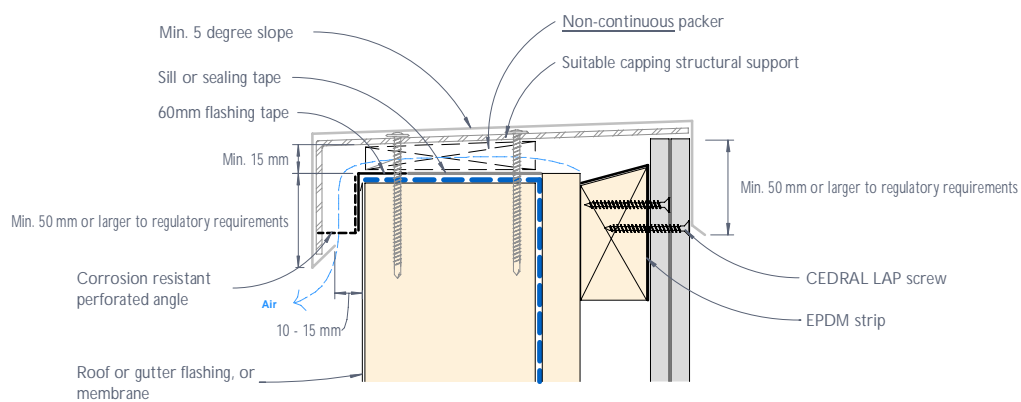


Figure 38: CEDRAL LAP flush capping detail

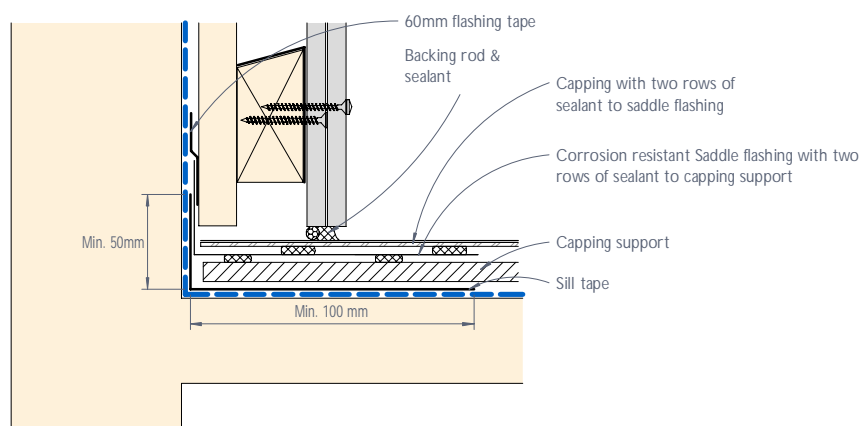


Figure 39: CEDRAL LAP parapet junction - Section

#### Notes

- 1) Capping profiles are indicative and for illustration purposes.
- 2) Capping shall be designed and engineered accordingly to provide adequate allowance for ventilation as shown in Figures 37 & 38.

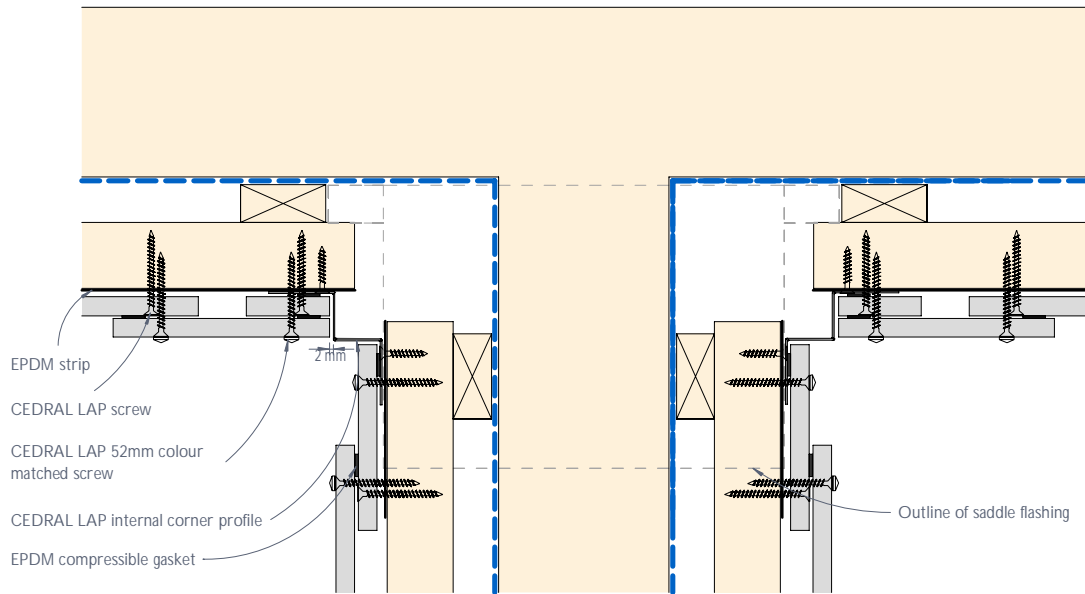


Figure 40: Parapet junction - Plan view

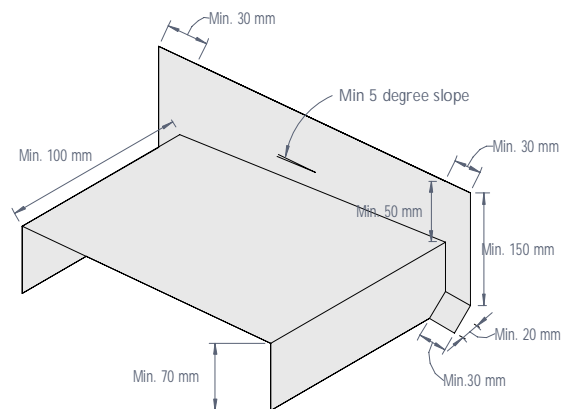


Figure 41: Corrosion resistant saddle flashing

# CEDRAL

**Cedral Lap Undulated**  
***With Top Hat Construction***  
*All building classes*



# Fixings and support frame

CEDRAL LAP Undulated with metal top hat construction - All building classes

Cedral Lap may be fixed vertically in an undulated pattern to metal top hat support frame.

## Fixings

Cedral metal screw for fixing Cedral Lap to metal support frame  
(Phillips n°2, stainless steel 304)



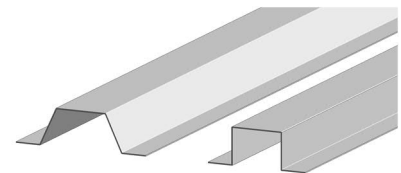
## Support frame

Cedral Lap may be fixed vertically to horizontal metal top hat profiles with minimum gauge (thickness) of 1.1mm BMT, minimum depth of 25mm, and minimum width of 40mm and 70mm for intermediate and joint profiles, respectively. A layer of minimum 15mm deep (minimum 1.1mm BMT) vertical top hats are used between the horizontal top hats and weather barrier to form a minimum 15mm gap behind the horizontal top hats for ventilation and drainage purposes. A suitable minimum 15 mm thick structural packer or shim (e.g. Macsim 15 x 72 x 100mm) may be used in lieu of the 15 mm vertical top hats.

Metal top hats shall be of adequate corrosion resistance required for the project.

Maximum deflection of support framing must be limited to  $\text{Span}/250$ . Structure and support frame shall be designed to relevant standards including, but not limited to, the following:

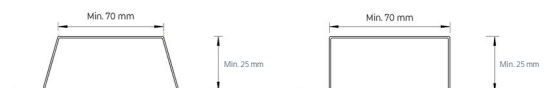
- AS/NZS 4600 – Cold-formed steel structures
- AS 1684 – Residential timber-framed buildings



Standard top hat sections



Intermediate top hat's minimum size



Joint top hat's minimum size

## Spacing gasket

Tesa® 4773 gasket is applied vertically between the horizontal support frame and Cedral to help drainage of any water running down the rear face of Cedral. The gasket could be applied either in vertical pieces on the horizontal support frame or continuously on the rear side of Cedral along the length. The gasket needs to be located approximately 10-30mm from the side edges of Cedral.



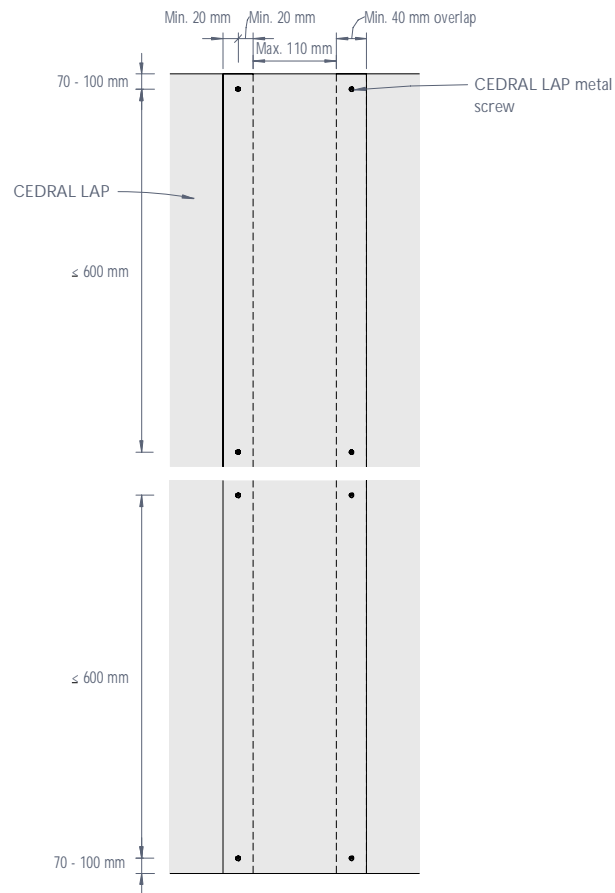


Figure 1: CEDRAL LAP fixings arrangement - Elevation

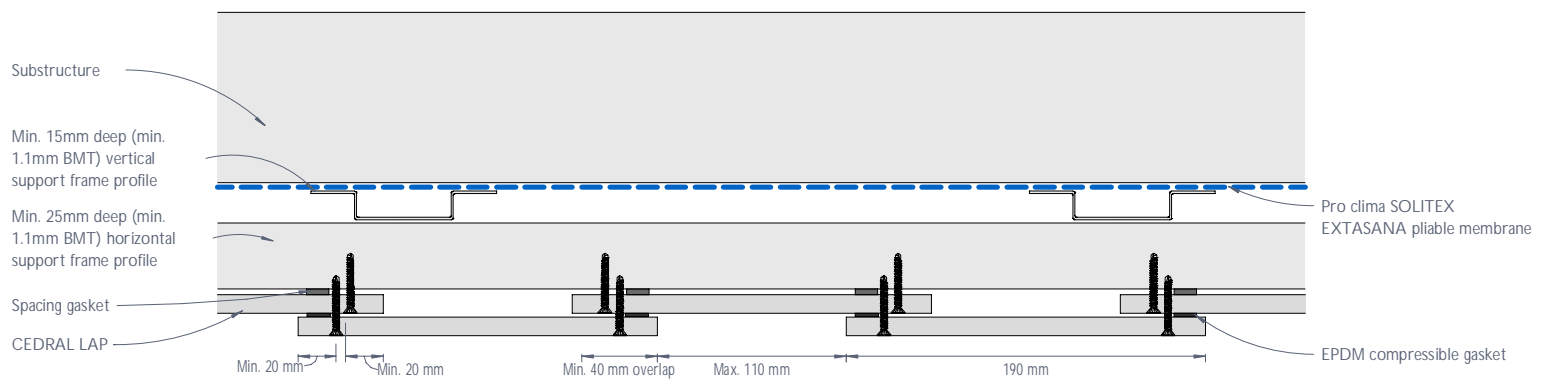


Figure 2: CEDRAL LAP vertical joint

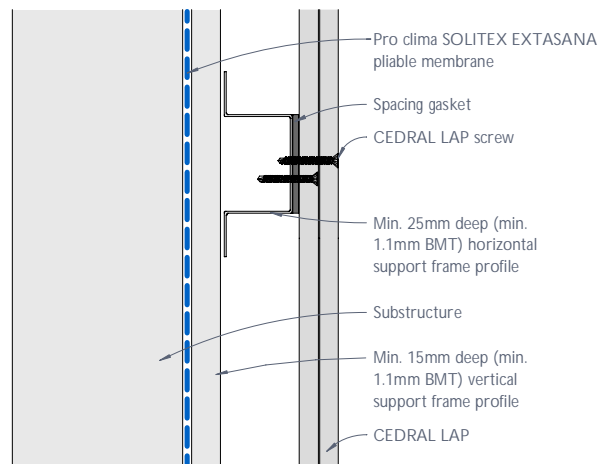


Figure 3: CEDRAL LAP typical vertical section

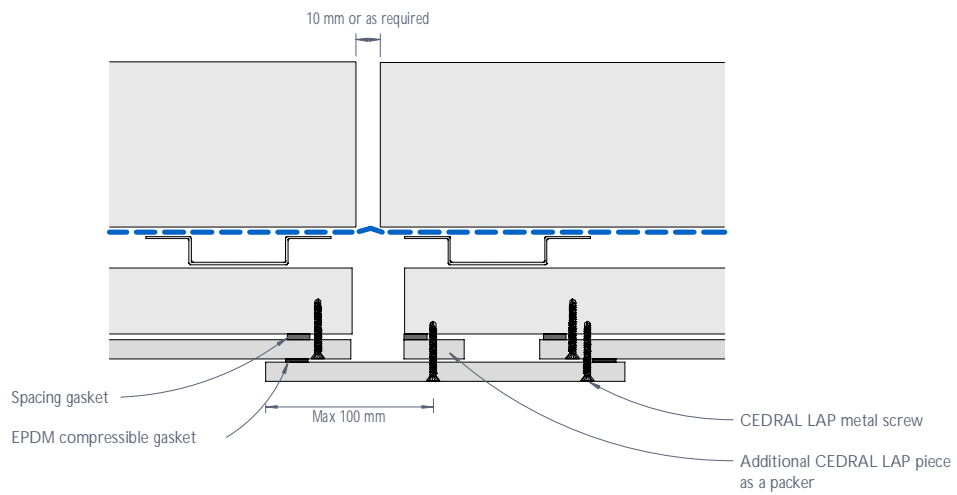


Figure 4: CEDRAL LAP vertical control joint - Detail 1

Note  
Support frame (battens) must NOT be fixed crossing over a control joint.



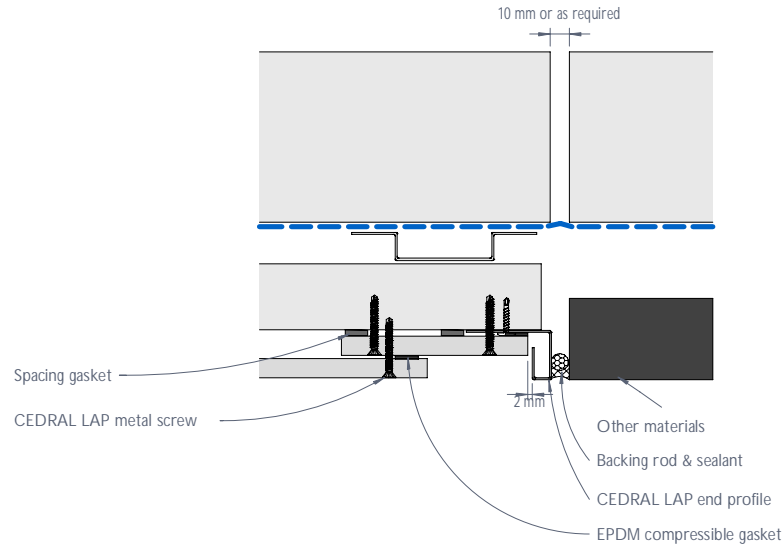


Figure 5: CEDRAL LAP vertical control joint - Detail 2

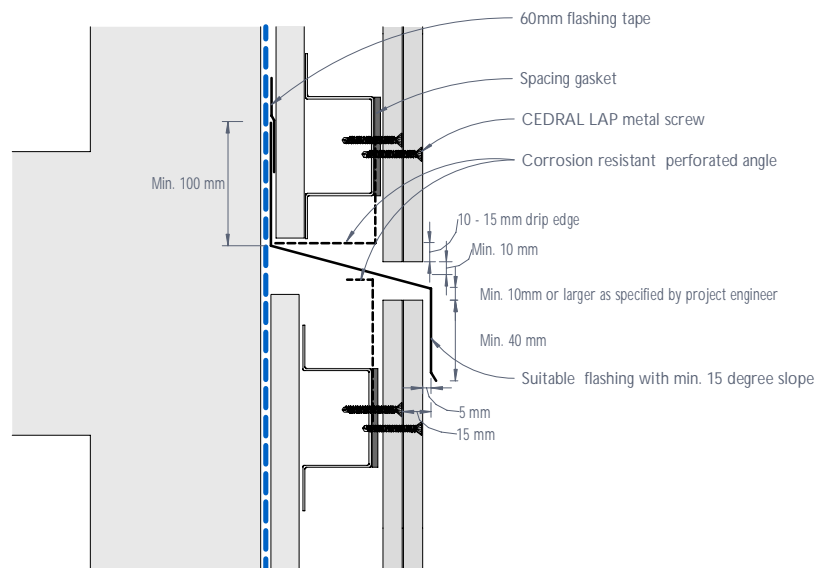


Figure 6: CEDRAL LAP horizontal control joint and inter-storey detail

#### Notes

- 1) Support frame (battens) must NOT be fixed crossing over a control joint.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

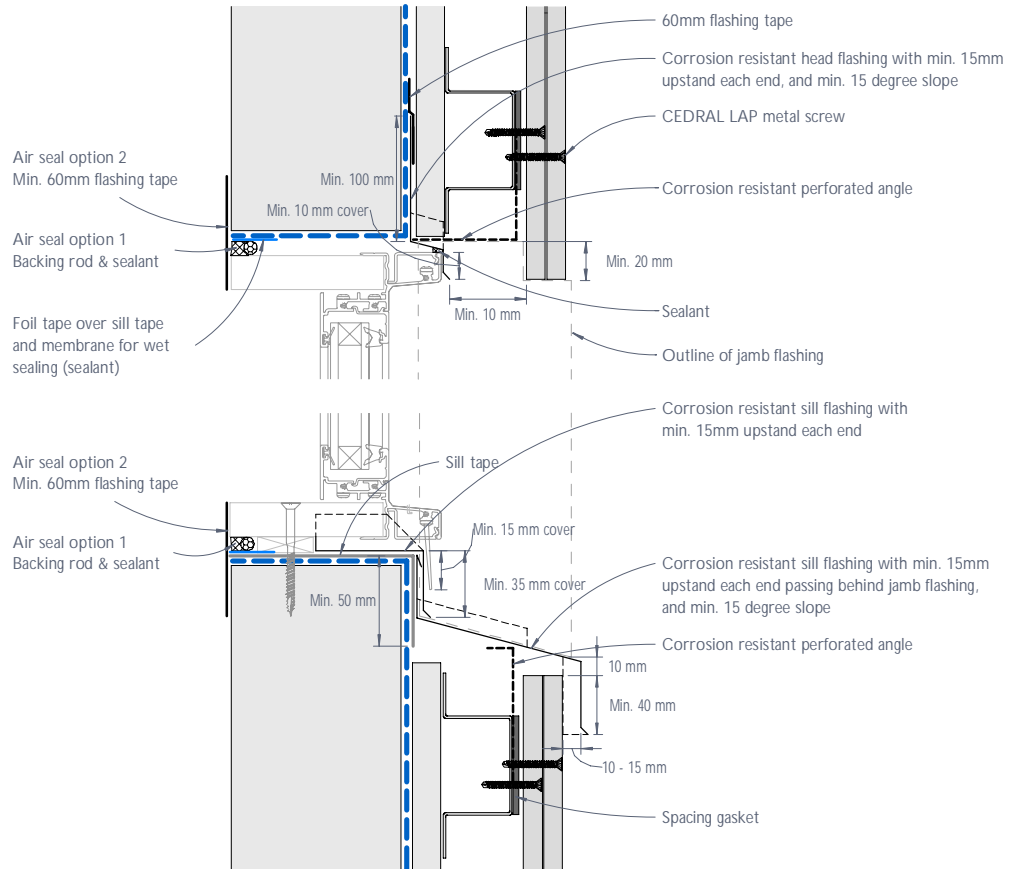


Figure 7: CEDRAL LAP typical residential window head and sill junction

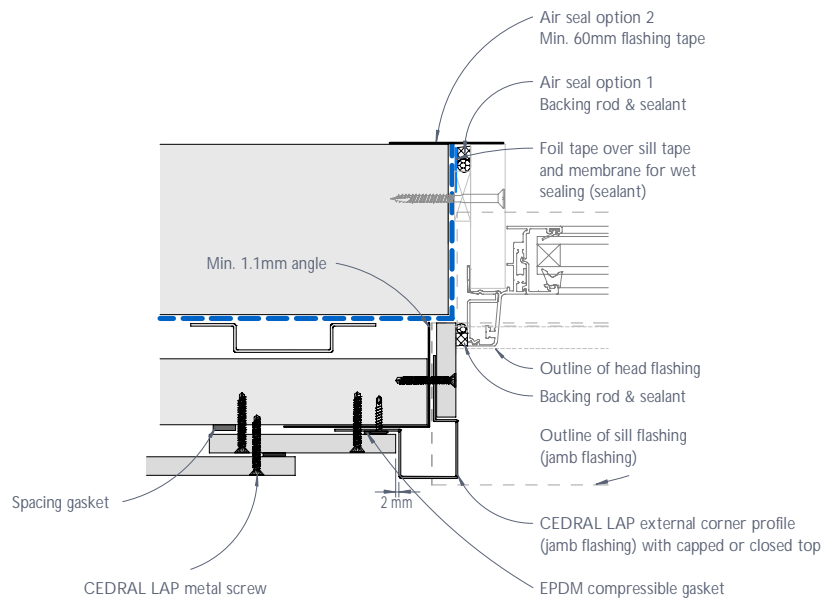


Figure 8: CEDRAL LAP typical residential window jamb junction or the like

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

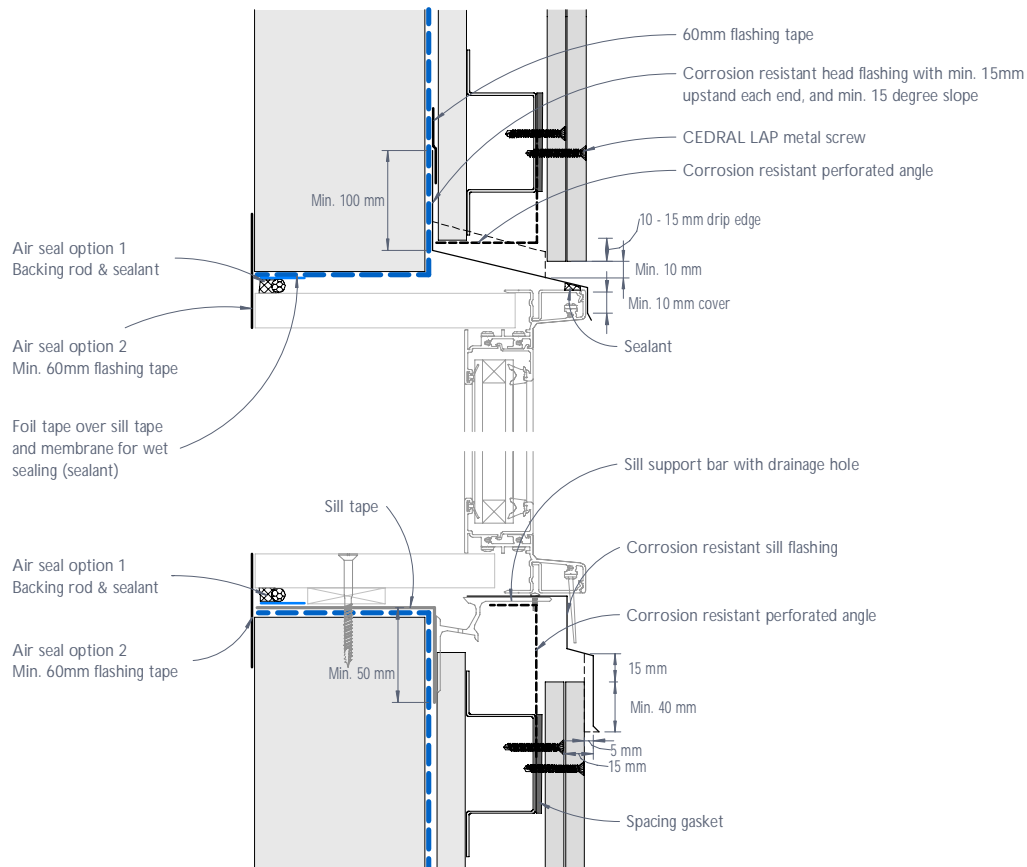


Figure 9: CEDRAL LAP typical residential window head and sill junction

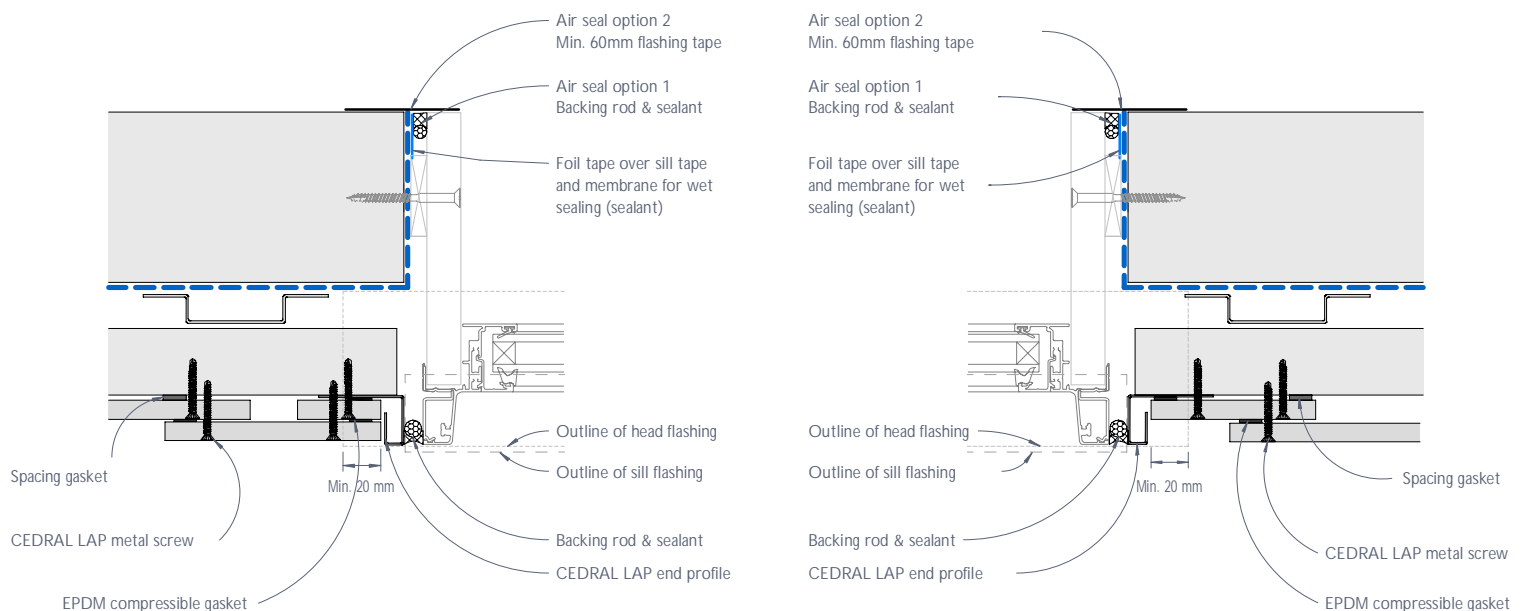


Figure 10: CEDRAL LAP typical residential window jamb junction or the like

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

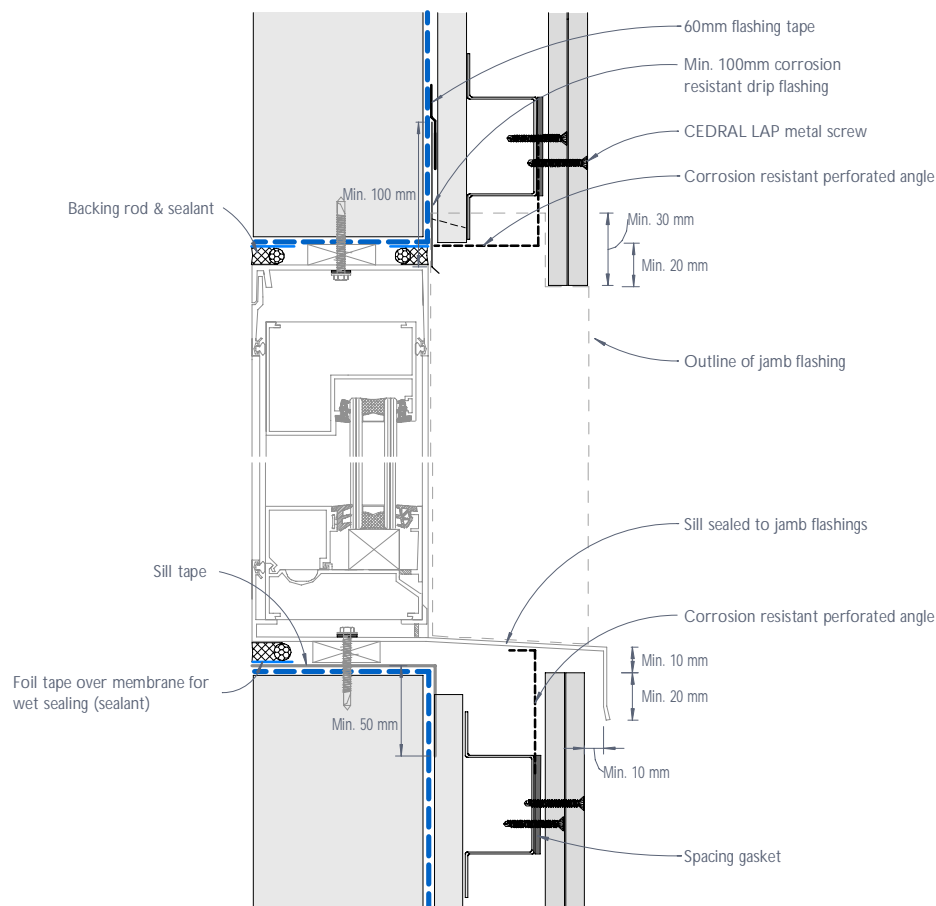


Figure 11: CEDRAL LAP typical commercial window head and sill junction

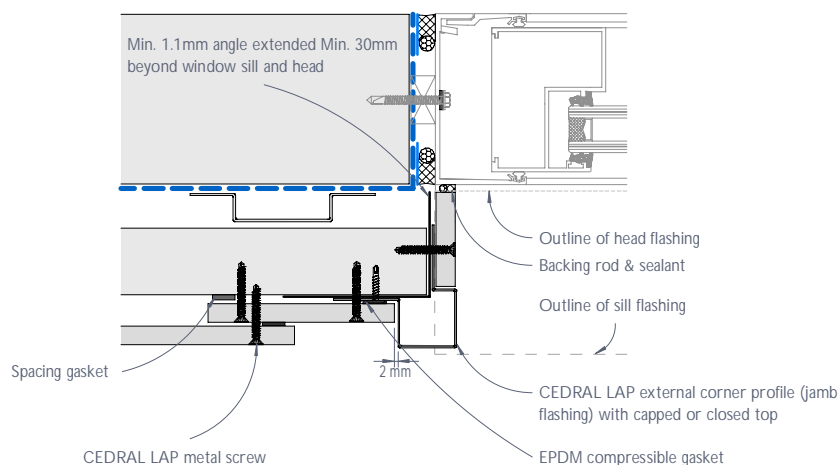


Figure 12: CEDRAL LAP typical commercial window jamb junction or the like

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

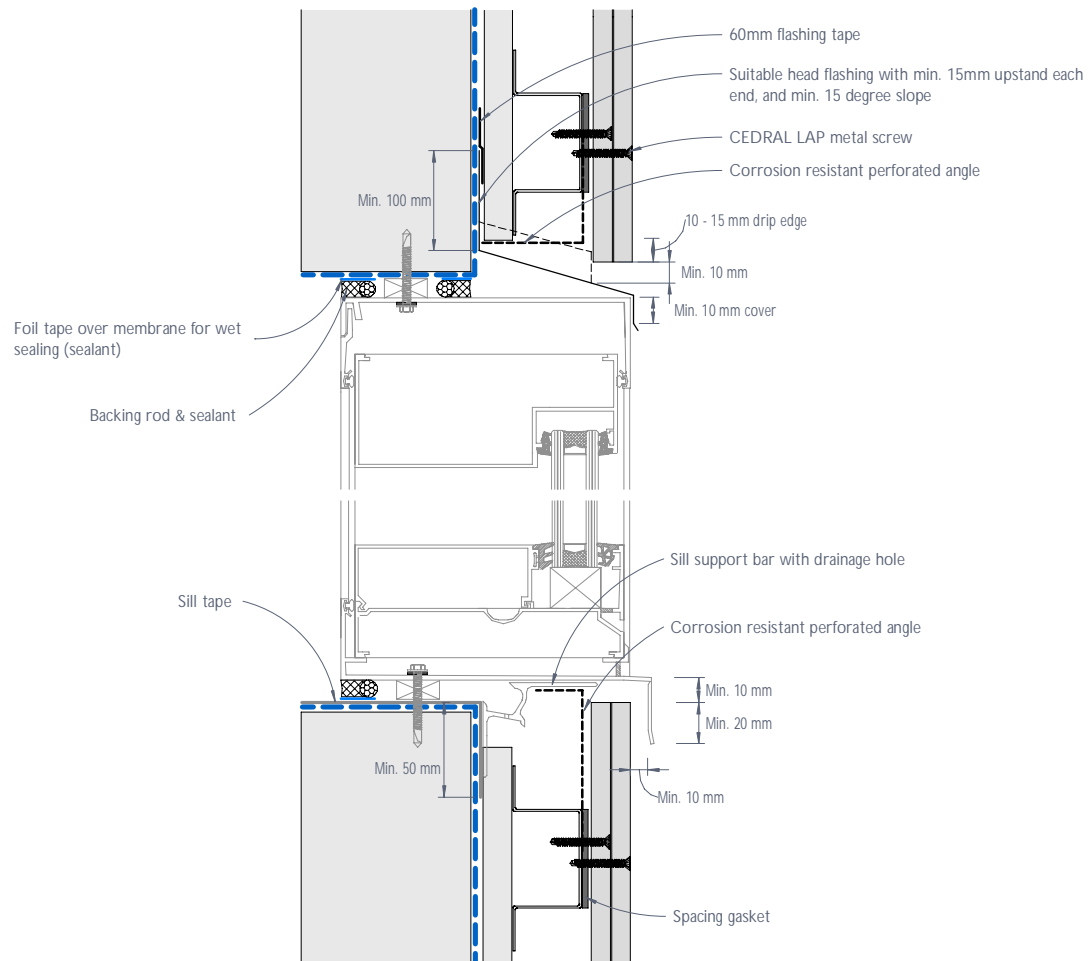


Figure 13: CEDRAL LAP typical commercial window head and sill junction

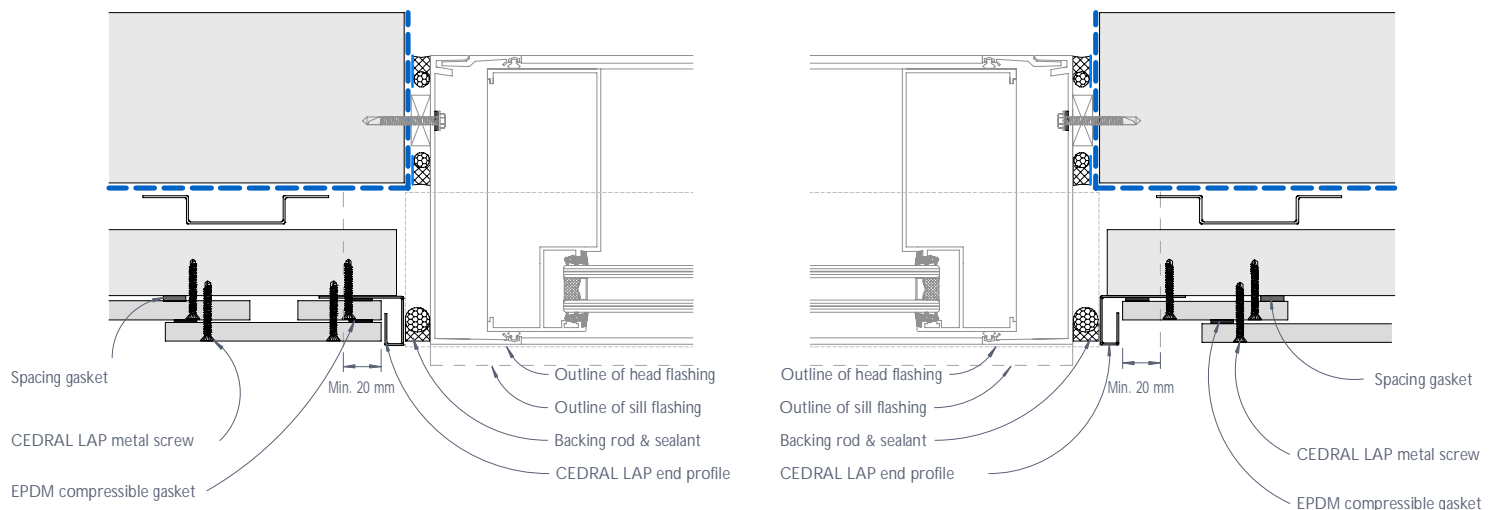


Figure 14: CEDRAL LAP typical commercial window jamb junction or the like

#### Notes

1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.

2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

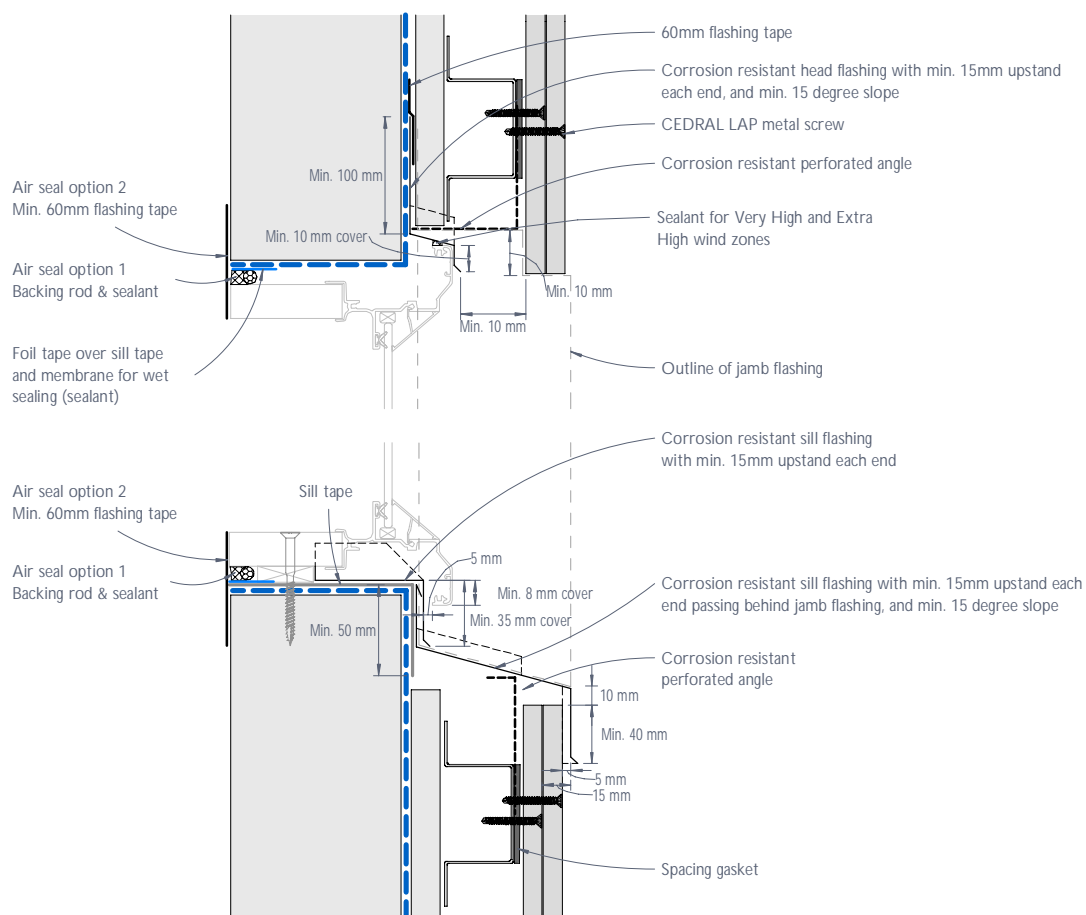


Figure 15: CEDRAL LAP typical flange window head and sill junction or the like - Recessed detail

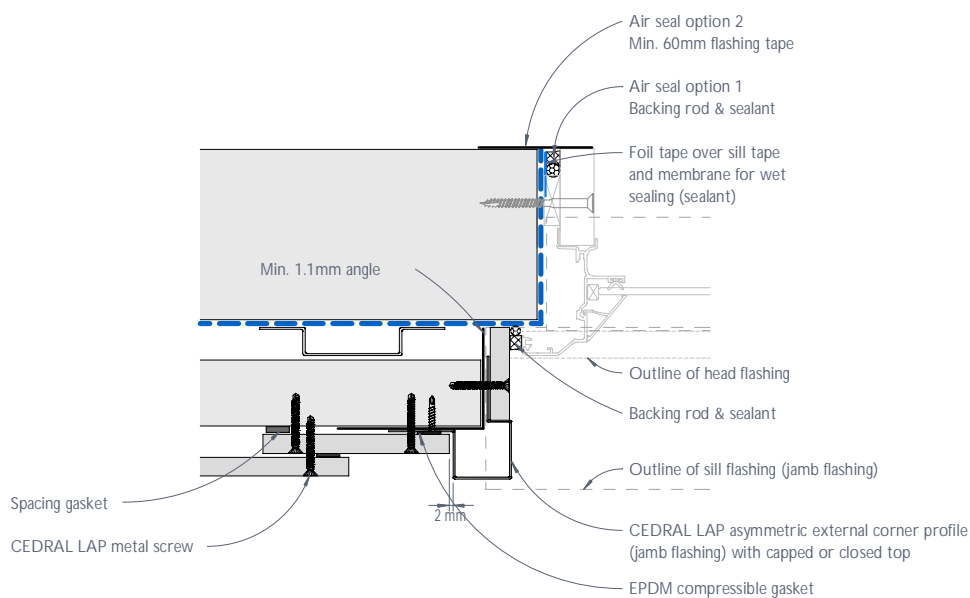


Figure 16: CEDRAL LAP typical flange window jamb junction or the like - Recessed detail

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

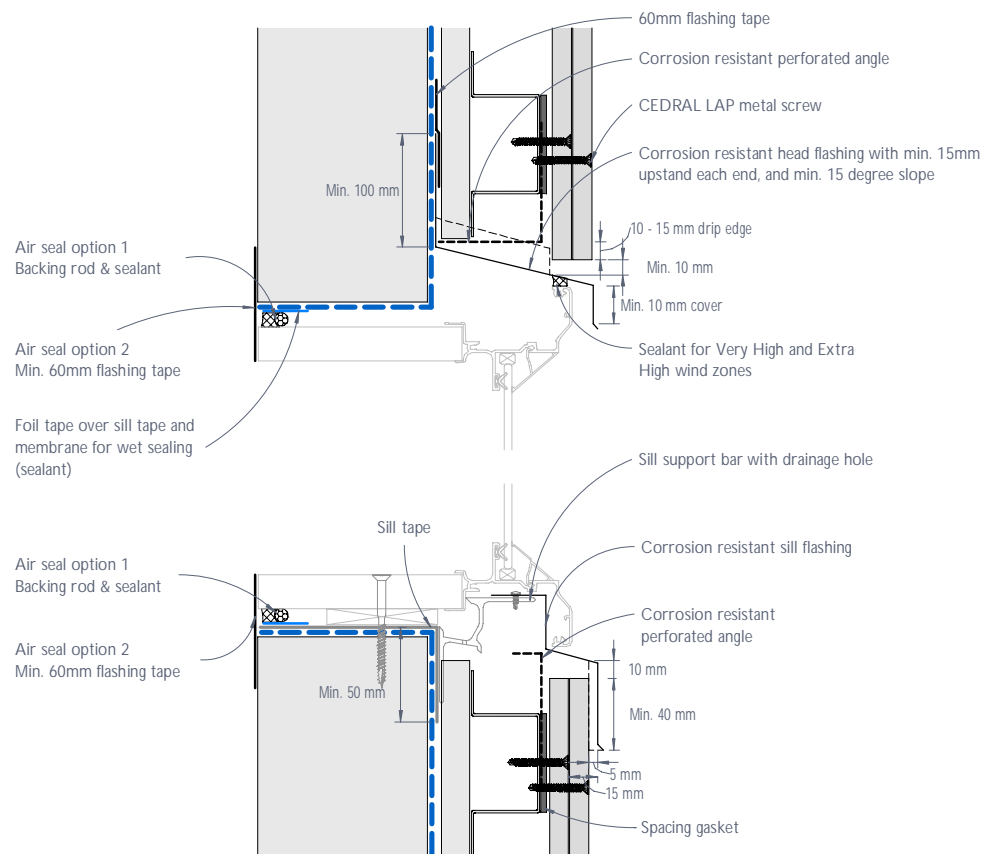


Figure 17: CEDRAL LAP typical flange window head and sill junction or the like - Flush detail



Figure 18: CEDRAL LAP typical flange window jamb junction or the like - Flush detail

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

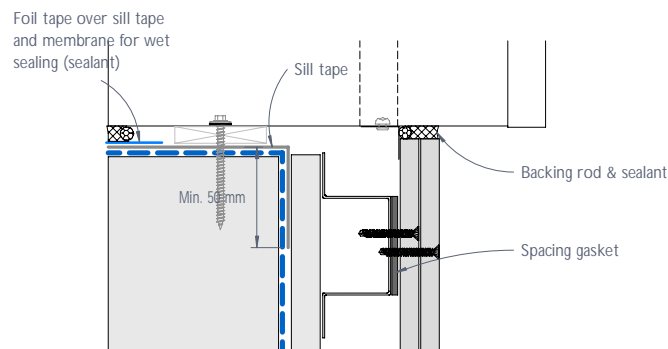
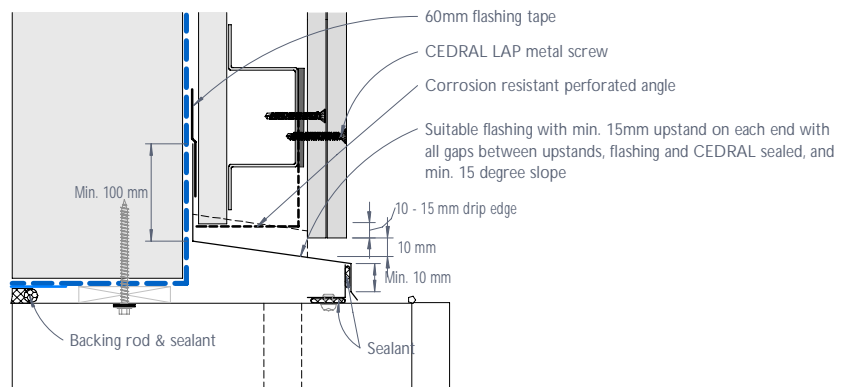


Figure 19: CEDRAL LAP meter box junction - Section

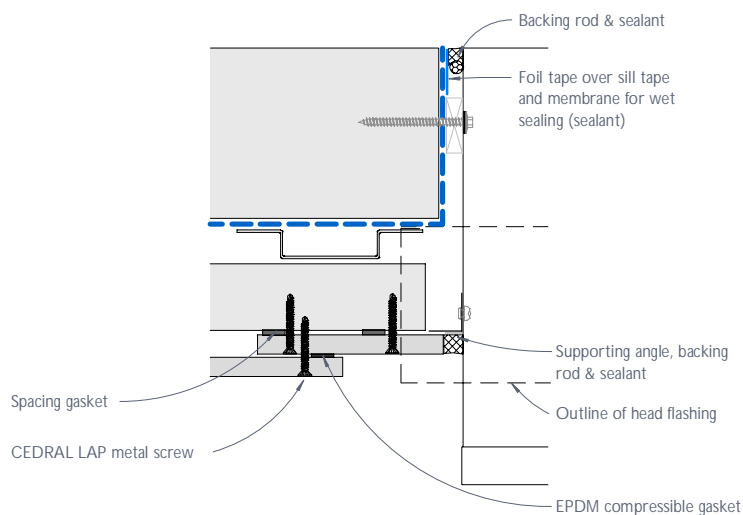


Figure 20: CEDRAL LAP meter box junction Plan view

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.



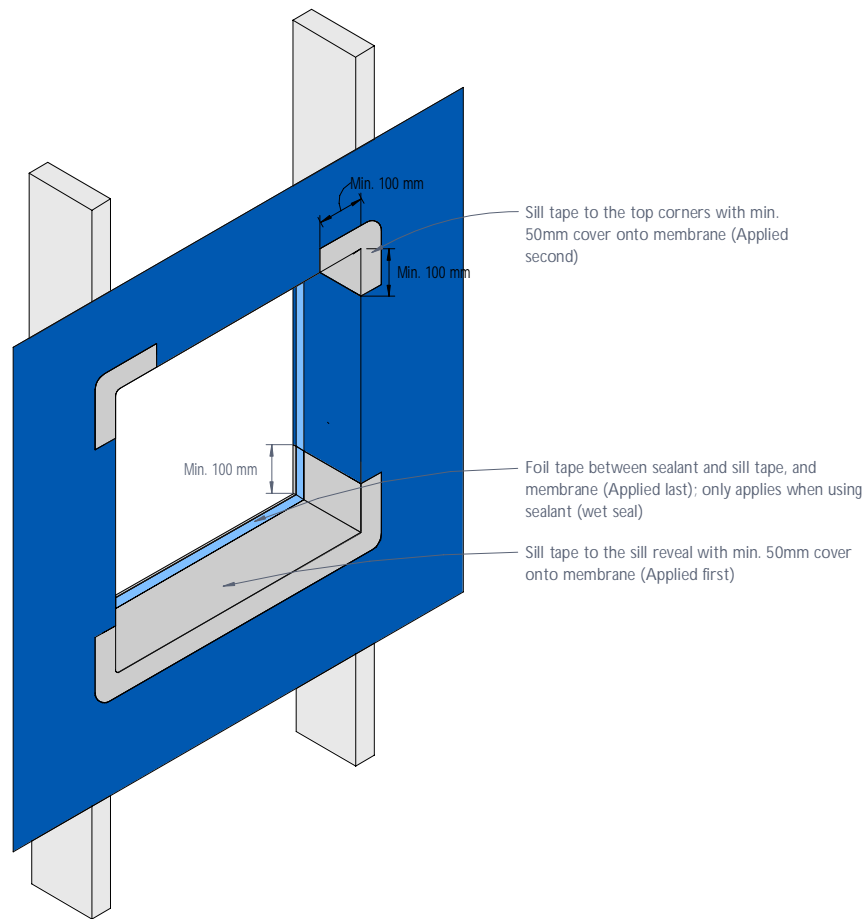


Figure 21: Isometric view of window/meter box opening - Tape application

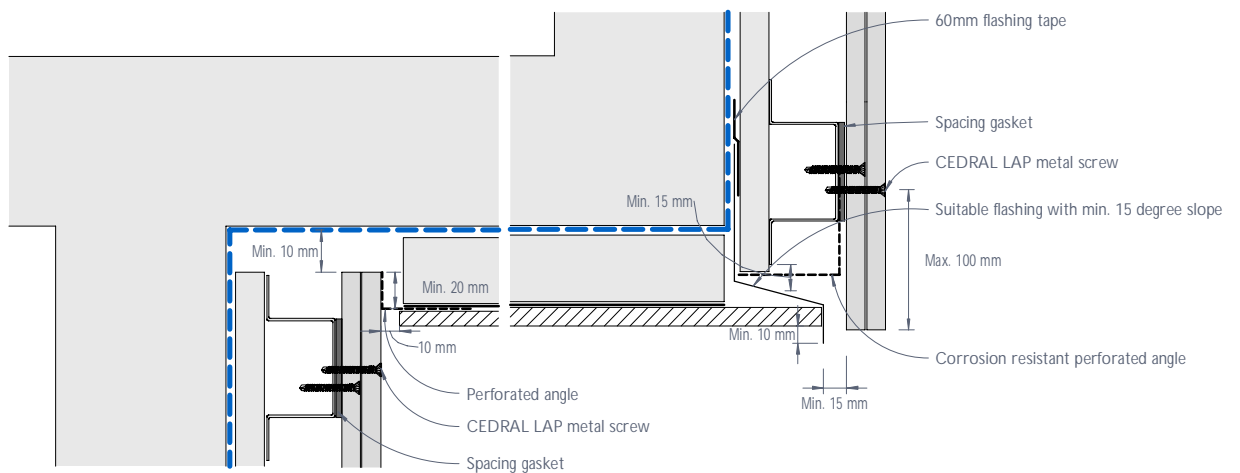


Figure 22: CEDRAL LAP soffit junction

#### Notes

- 1) ONLY sealant compatible with the foil tape should be used. Should any sealant be intended to be used directly on the flashing and/or sill tape it must be confirmed with its manufacturer to ensure compatibility with these tapes in accordance with the relevant standards.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

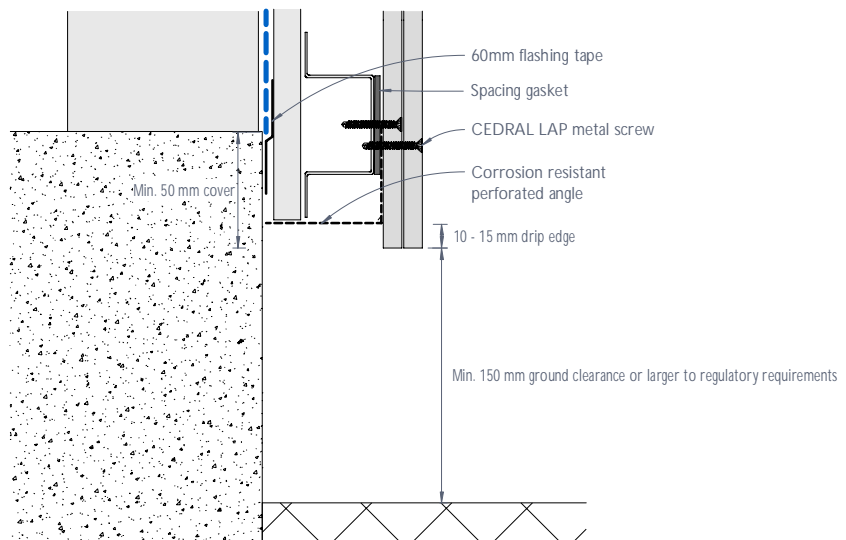


Figure 23: CEDRAL LAP base detail

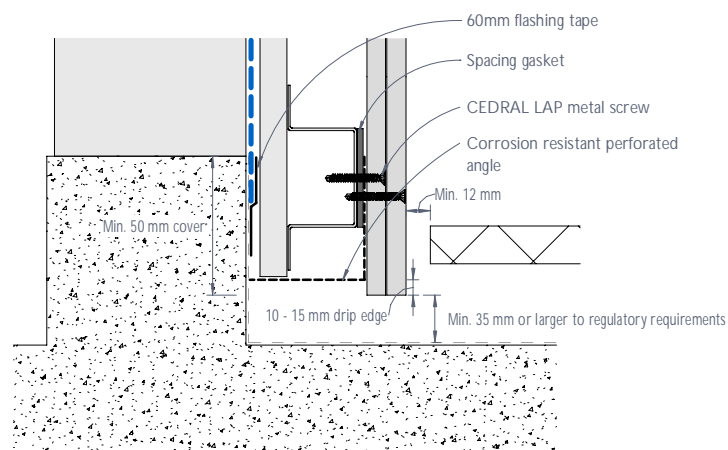


Figure 24: CEDRAL LAP base detail - Covered area

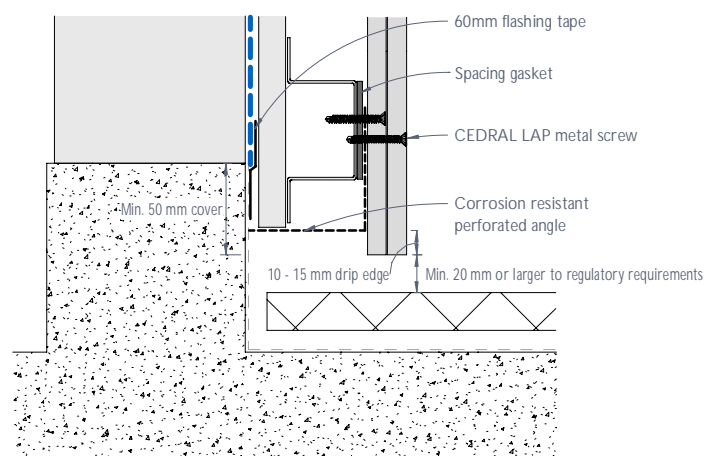


Figure 25: CEDRAL LAP base detail - Balcony

#### Notes

- 1) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.
- 2) Refer to pro clima's application guide for the application of the flashing tape and any pre-treatment required on various substrates including concrete and masonry.

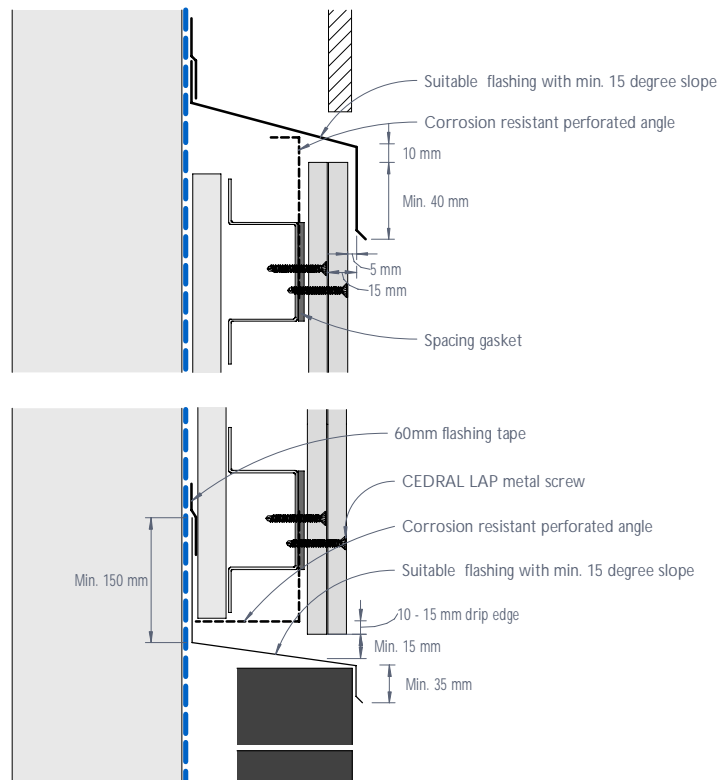


Figure 26: CEDRAL LAP junction with other materials - Flush detail

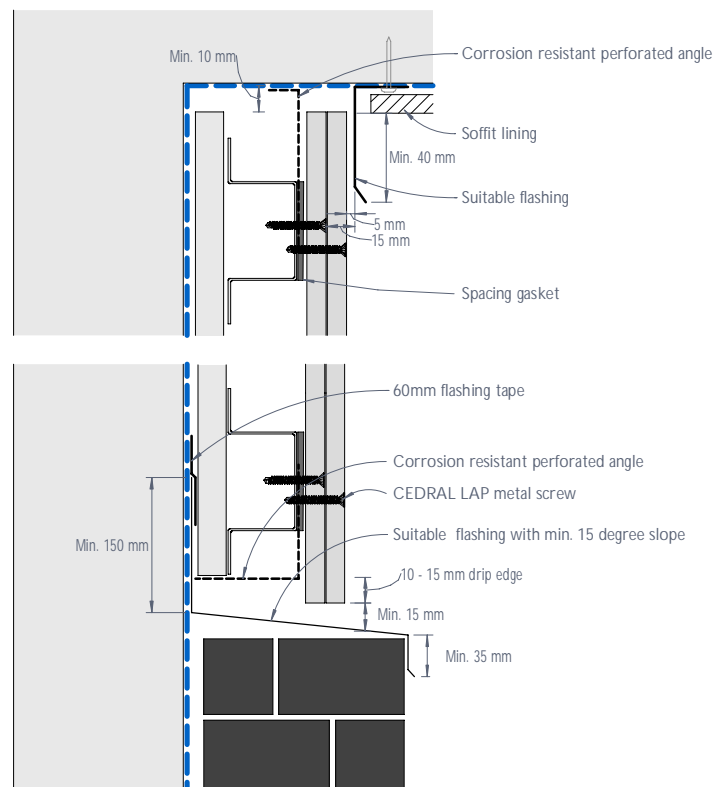


Figure 27: CEDRAL LAP junction with other materials, eaves or the like - Recessed detail

#### Notes

- 1) Support frame (battens) must NOT be fixed crossing over a control joint.
- 2) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.

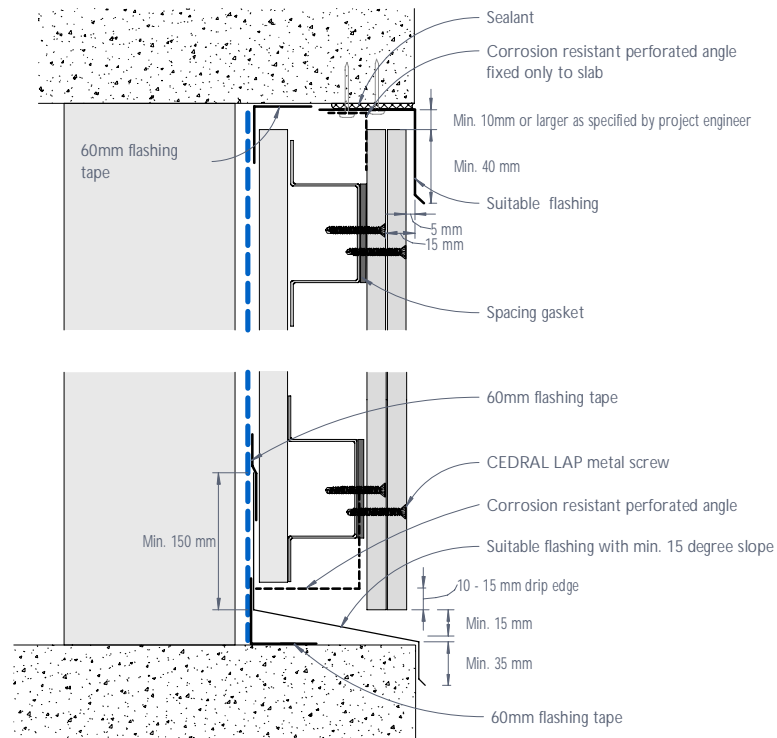


Figure 28: CEDRAL LAP junction with exposed concrete slab or beam - Cladding flush

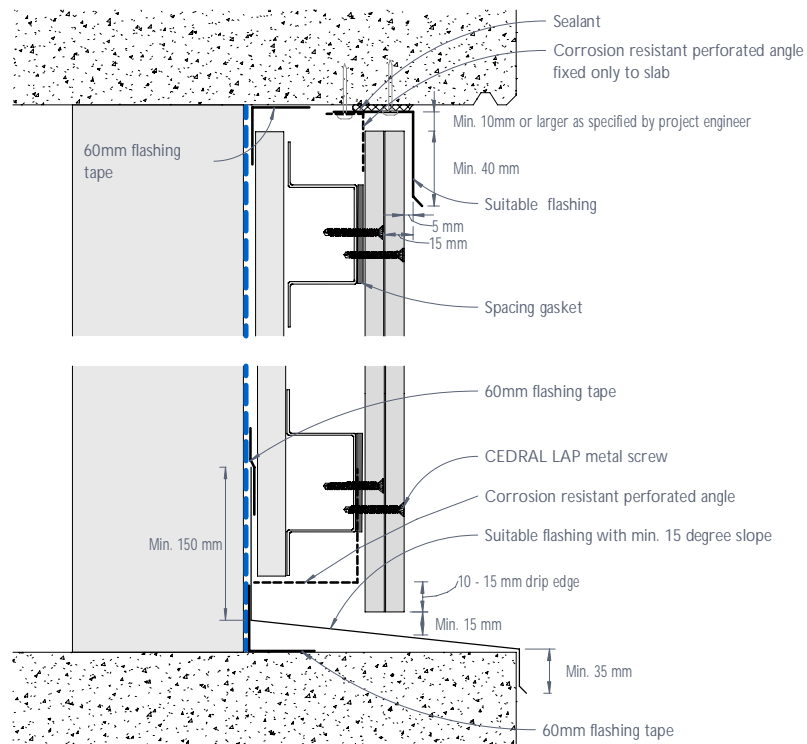


Figure 29: CEDRAL LAP junction with exposed concrete slab or beam - Cladding recessed

#### Notes

- 1) Corrosion resistant perforated angle shall be of max. thickness of 0.9mm where located between panel and support frame, and be of min. 50% open area.
- 2) Refer to pro clima's application guide for the application of the flashing tape and any pre-treatment required on various substrates including concrete and masonry.

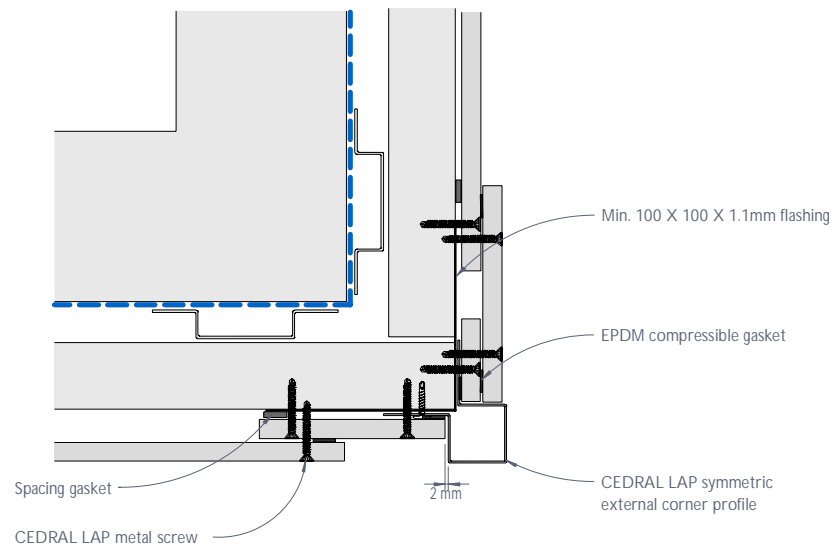


Figure 30: CEDRAL LAP typical external corner

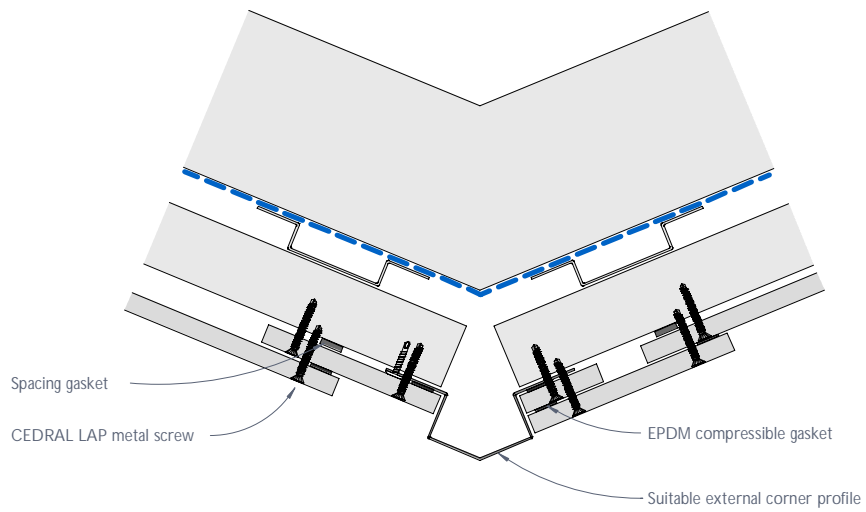


Figure 31: CEDRAL LAP 45 degree external corner

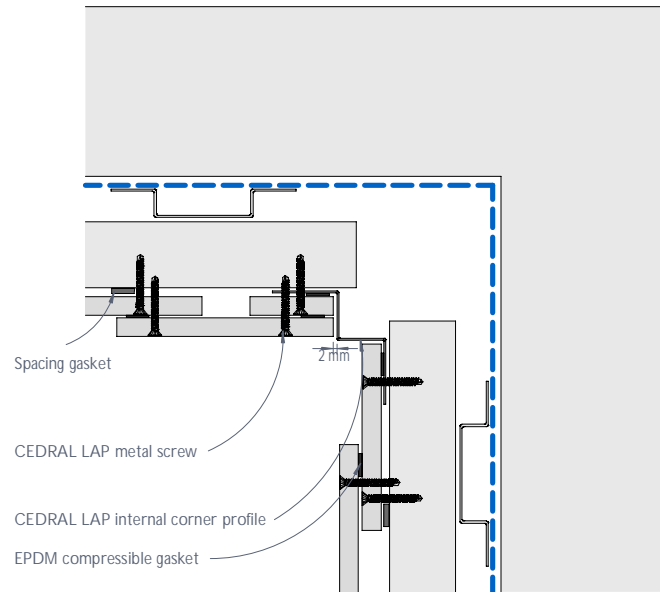


Figure 32: CEDRAL LAP internal corner

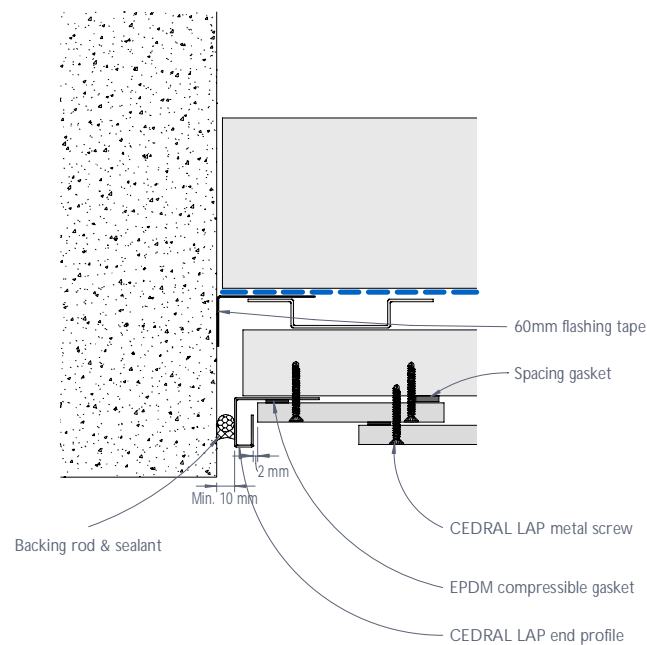


Figure 33: CEDRAL LAP abutment

#### Note

Refer to pro clima's application guide for the application of the flashing tape and any pre-treatment required on various substrates including concrete and masonry.

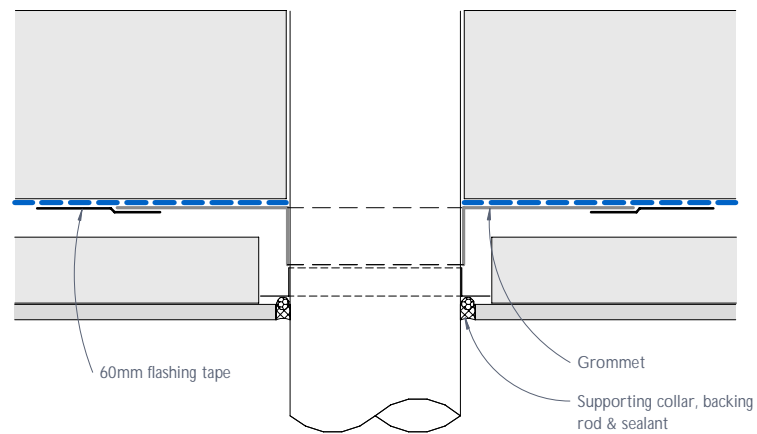


Figure 34: Pipe penetration - Plan view

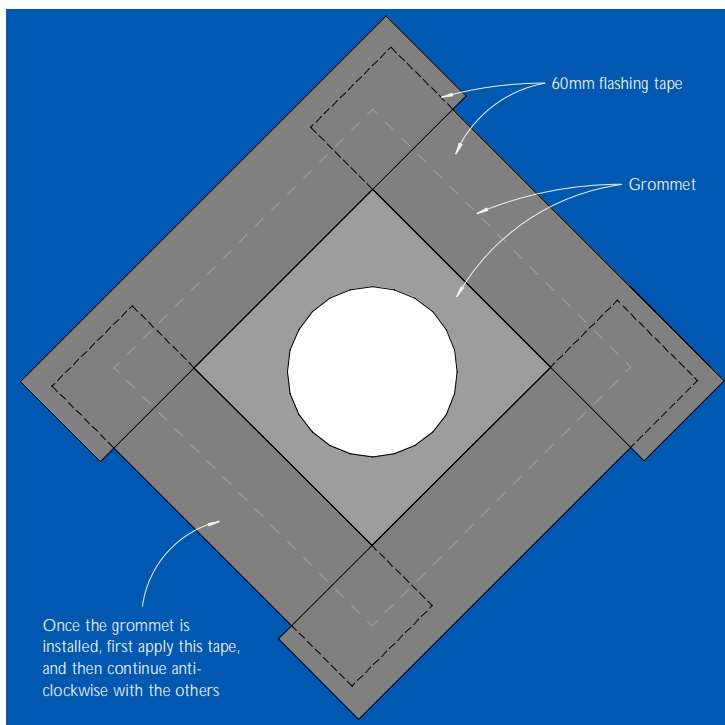


Figure 35: Pipe penetration - Elevation

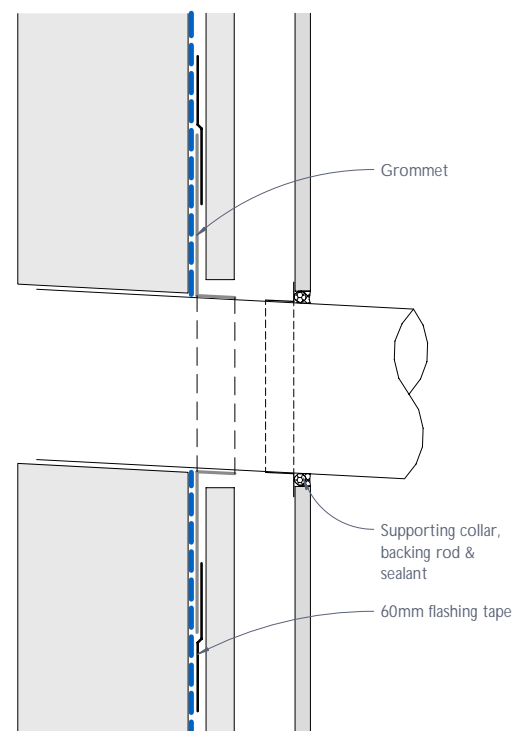


Figure 36: Pipe penetration - Section

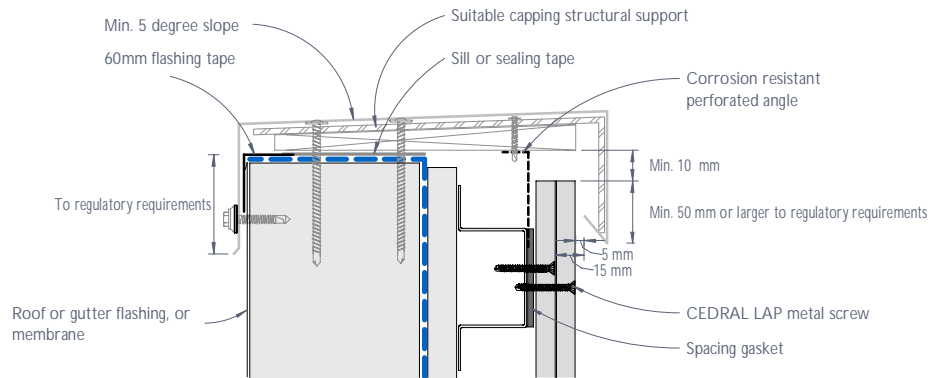


Figure 37: CEDRAL LAP typical capping detail

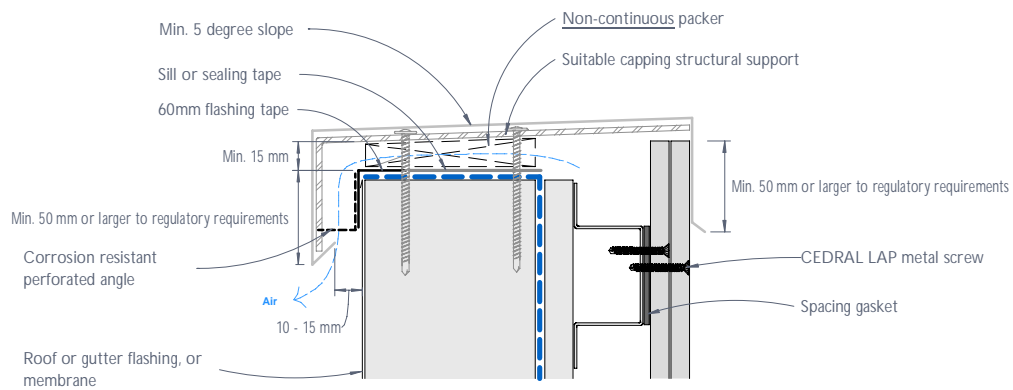


Figure 38: CEDRAL LAP flush capping detail

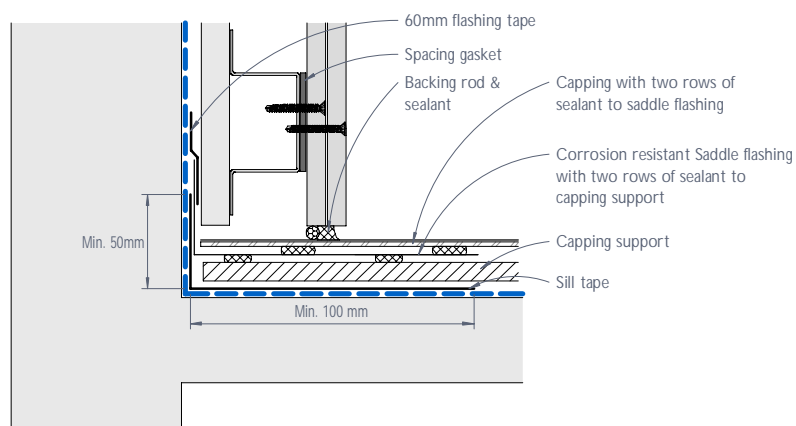


Figure 39: CEDRAL LAP parapet junction - Section

#### Notes

- 1) Capping profiles are indicative and for illustration purposes.
- 2) Capping shall be designed and engineered accordingly to provide adequate allowance for ventilation as shown in Figures 37 & 38.



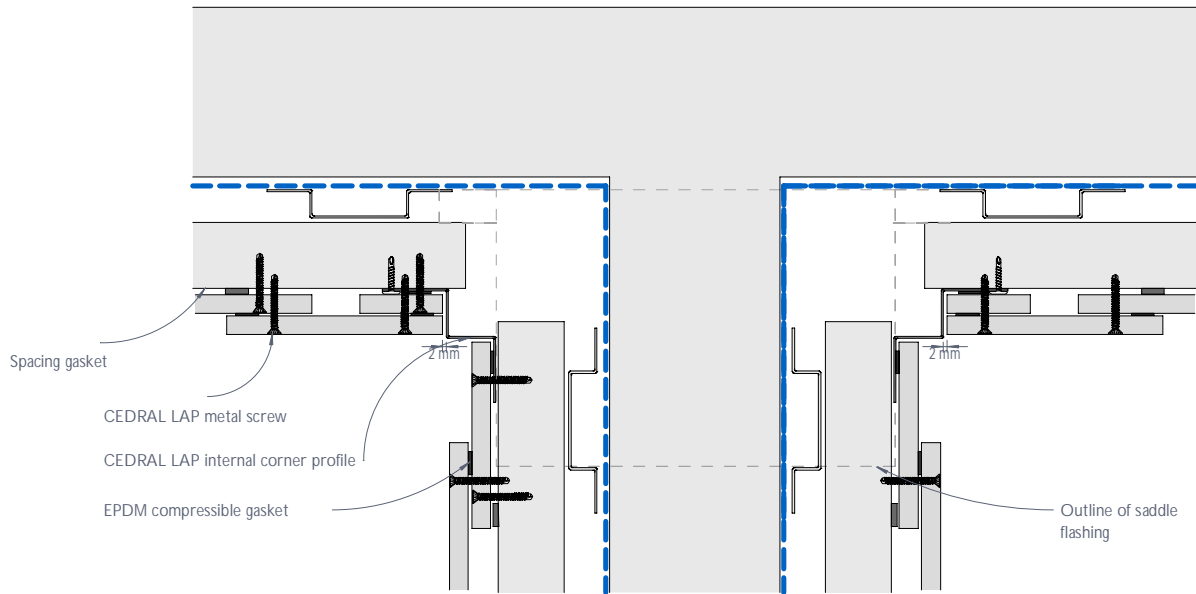


Figure 40: Parapet junction - Plan view

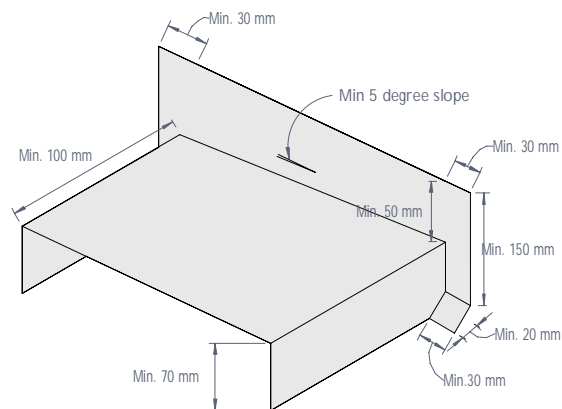


Figure 41: Corrosion resistant saddle flashing

# CEDRAL

**etex** inspiring ways  
of living

Etex Exteriors ANZ  
Suite 201  
198 Harbour Esplanade  
Docklands VIC 3008  
Australia

+61 (03) 9988 2290  
[info.anz@cedral.world](mailto:info.anz@cedral.world)  
[cedral.world](http://cedral.world)