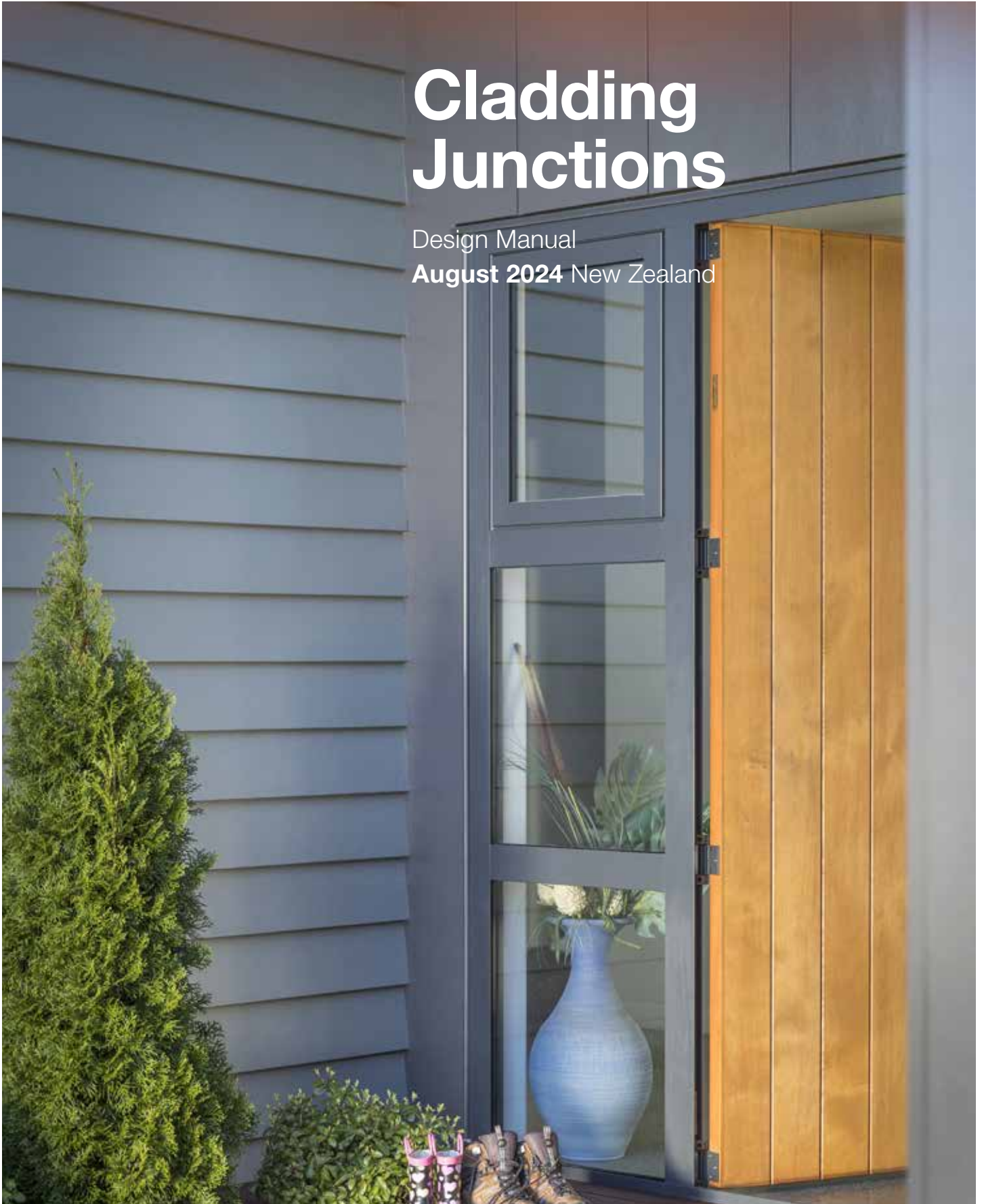
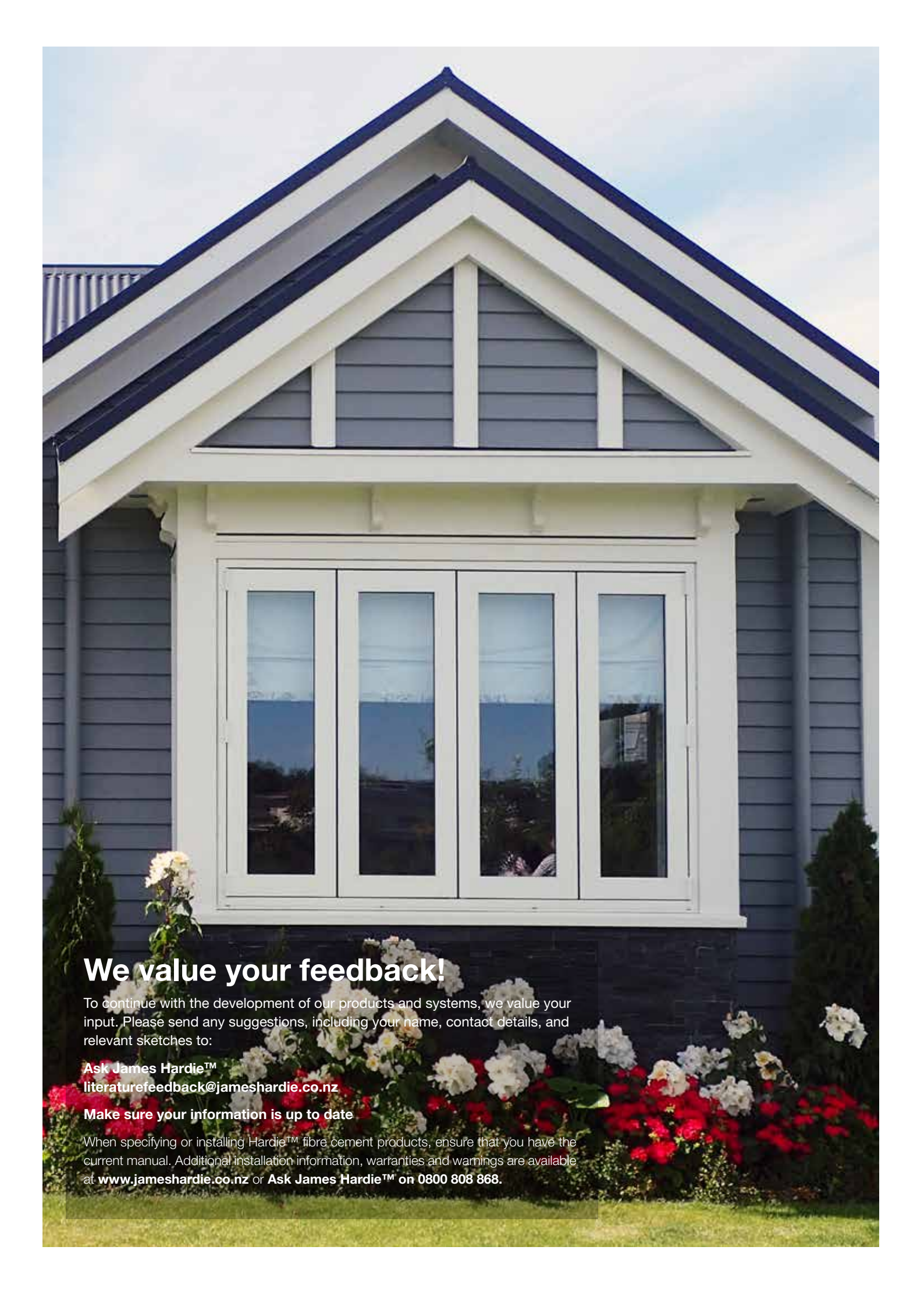


Cladding Junctions

Design Manual

August 2024 New Zealand





We value your feedback!

To continue with the development of our products and systems, we value your input. Please send any suggestions, including your name, contact details, and relevant sketches to:

Ask James Hardie™
literaturefeedback@jameshardie.co.nz

Make sure your information is up to date

When specifying or installing Hardie™ fibre cement products, ensure that you have the current manual. Additional installation information, warranties and warnings are available at **www.jameshardie.co.nz** or **Ask James Hardie™ on 0800 808 868.**

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1 Application and scope

1.1 Application

This Cladding Junctions Design Manual provides the most common junction details between different cladding products by James Hardie and other cladding products.

These junction details have been developed based on the various weathertightness tests conducted by James Hardie on its cladding products and the current knowledge and considering the current construction practices being followed in the industry.

These details have been carefully developed to minimise the moisture ingress through these junctions.

While every care has been taken in detailing these junctions, the designers, specifiers or installers should still ensure that the selected details are suitable for the project they are working on.

When using cladding products by James Hardie, refer to the relevant product literature for further information regarding installation, product sizes, accessories and warranty information.

Fixings, flashings and other components used must meet the durability requirements of Clause B2 of the New Zealand Building Code (NZBC). The construction method to be selected should be as per the relevant product literature.

Specifier

If you are a specifier or other responsible party for a project, ensure that the details in this document are appropriate for the application you are planning and that you undertake specific design to develop the details for junctions which are not covered in this manual.

Installer

If you are an installer ensure that the flashings with at least minimum sizes as specified in these details are used.

Make sure your information is up to date

When specifying or installing Hardie™ fibre cement products, ensure you have the current product manual. If you are not sure you do, or you need more information, visit www.jameshardie.co.nz or Ask James Hardie™ on 0800 808 868.

1.2 Scope

The junction details published herein are aligned with the requirements of E2/AS1 and suitable for the installation of James Hardie claddings in conjunction with other cladding materials as per these details.

1.3 Responsibility

The specifier/designer or the other party responsible for the project is responsible for ensuring that the information and details included in this manual are suitable for the intended application.

This **Cladding Junctions Design Manual** must be read in conjunction with the relevant product technical specification or installation manual published by the manufacturer.

Figure 1: Vertical junction between Linea™/Oblique™ Weatherboard and Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding

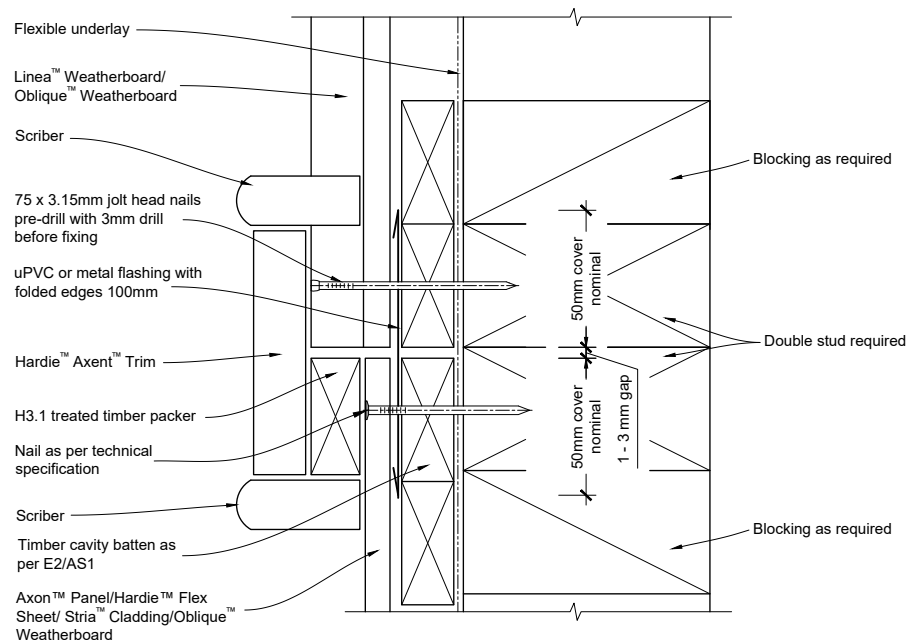


Figure 2: Vertical junction between Linea™/Oblique™ Weatherboard and Axon™ Panel

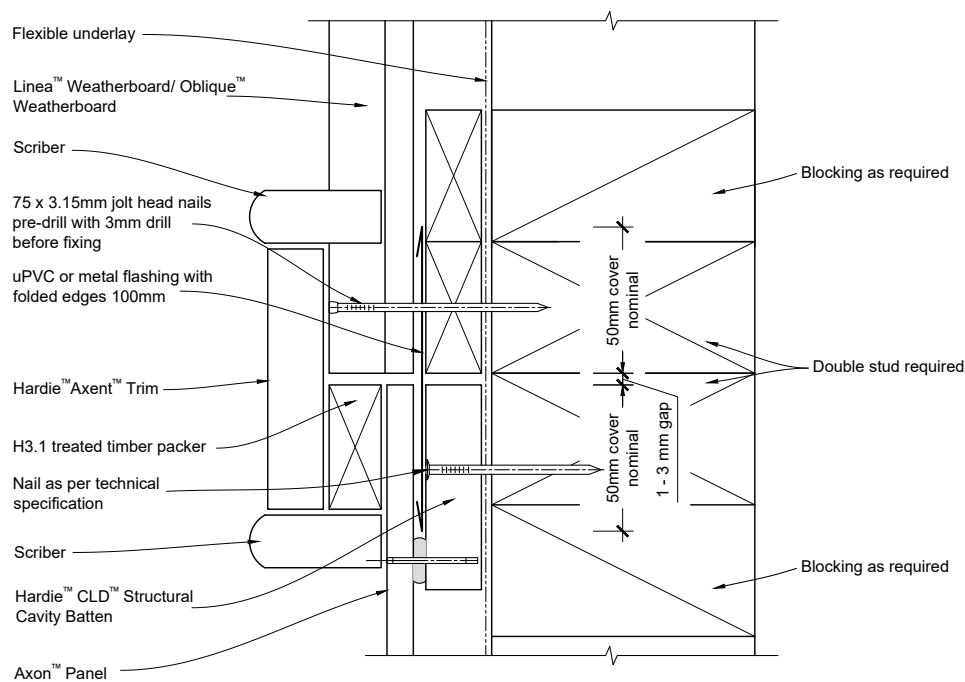


Figure 3: Vertical junction between Linea™ Weatherboard and Axon™ Panel/ Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard

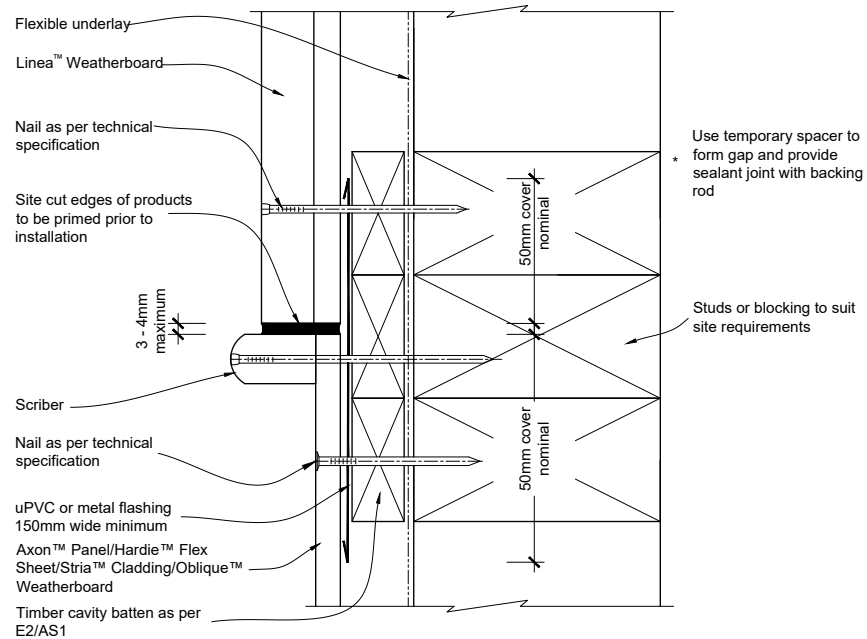


Figure 4: Vertical junction between Linea™/Oblique™ Weatherboard and Axon™ Panel

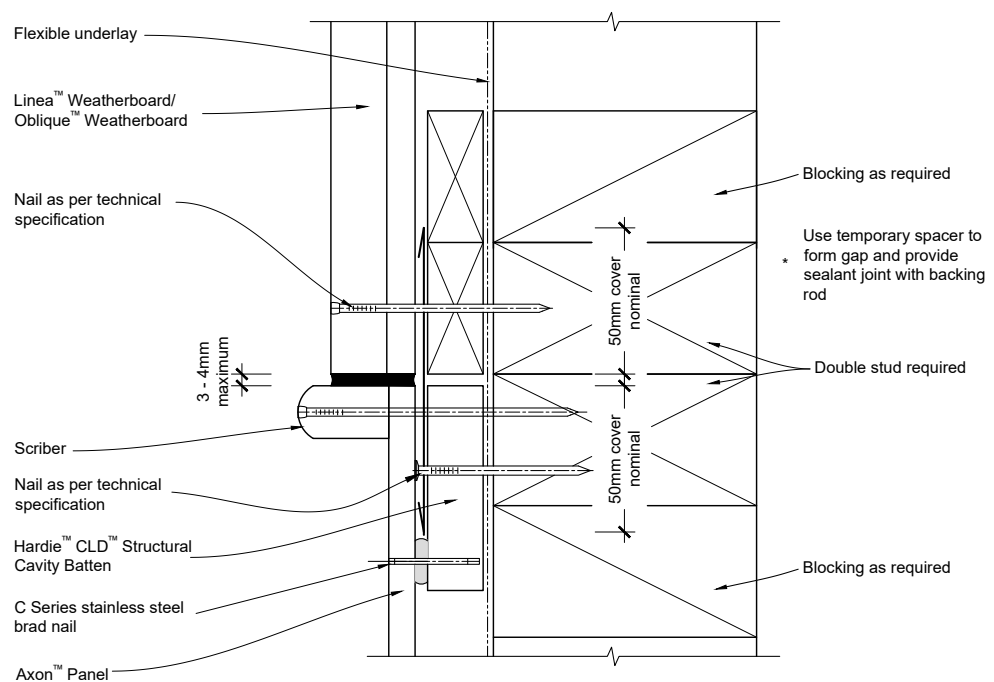


Figure 5: Vertical junction between Linea™ Weatherboard and Axon™ Panel/ Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard

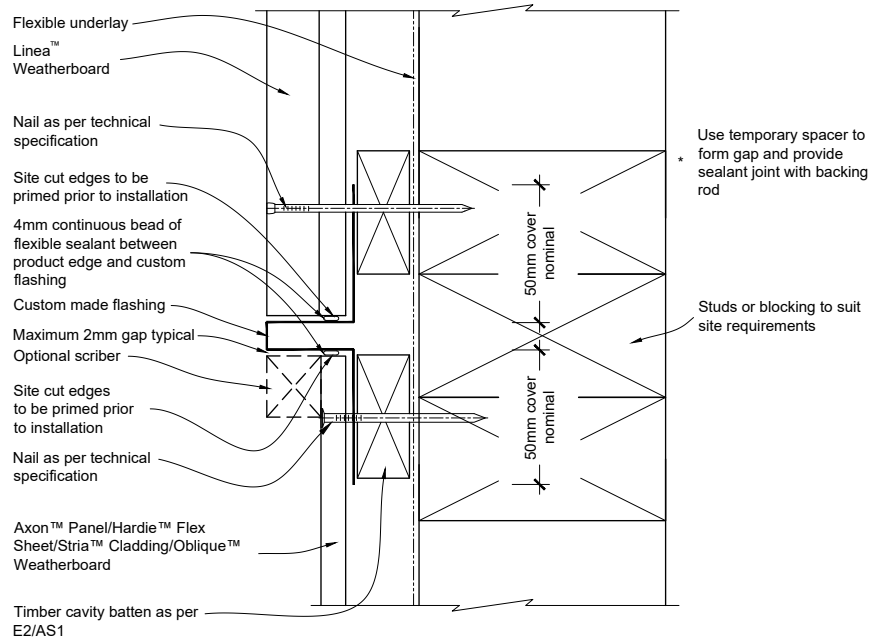


Figure 6: Vertical junction between Linea™ Weatherboard and Axon™ Panel

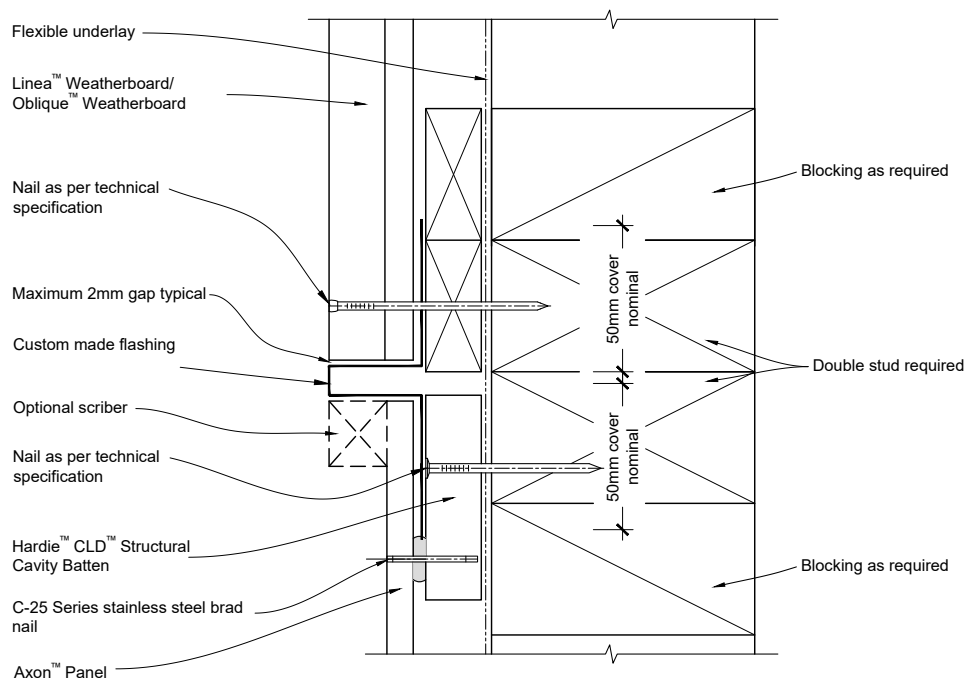


Figure 7: Internal corner junction between Linea™ Weatherboard and Axon™ Panel

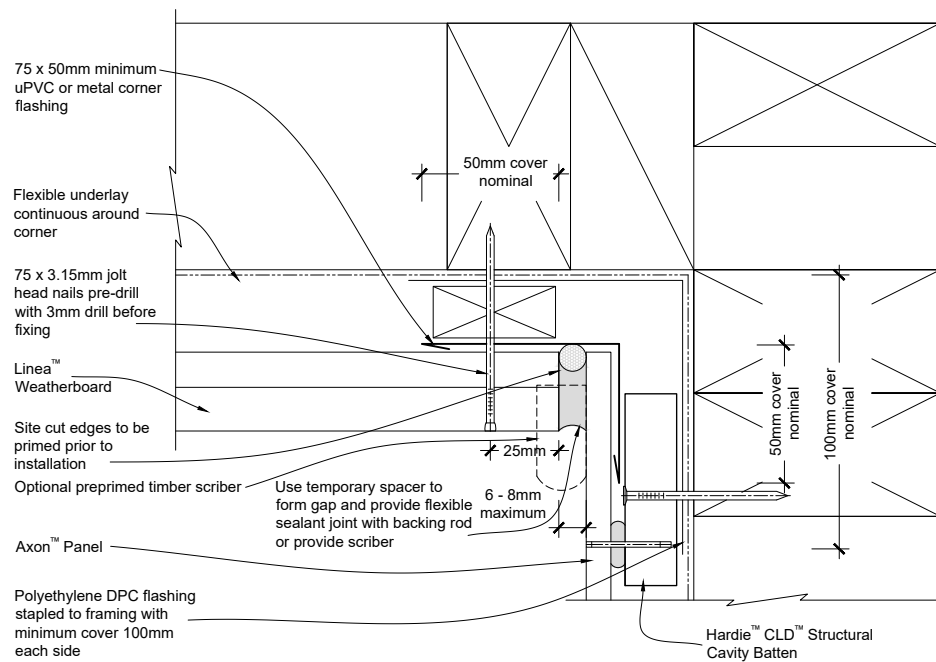


Figure 8: Internal corner junction between Linea™ Weatherboard and Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard

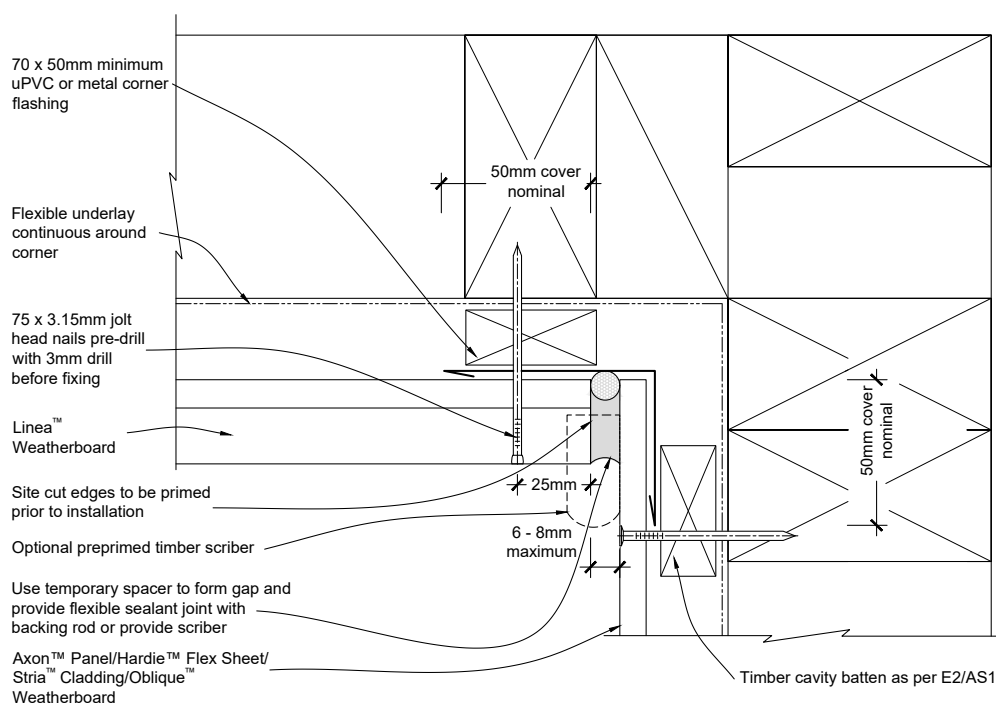


Figure 9: Internal corner junction between Linea™ Weatherboard and Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard

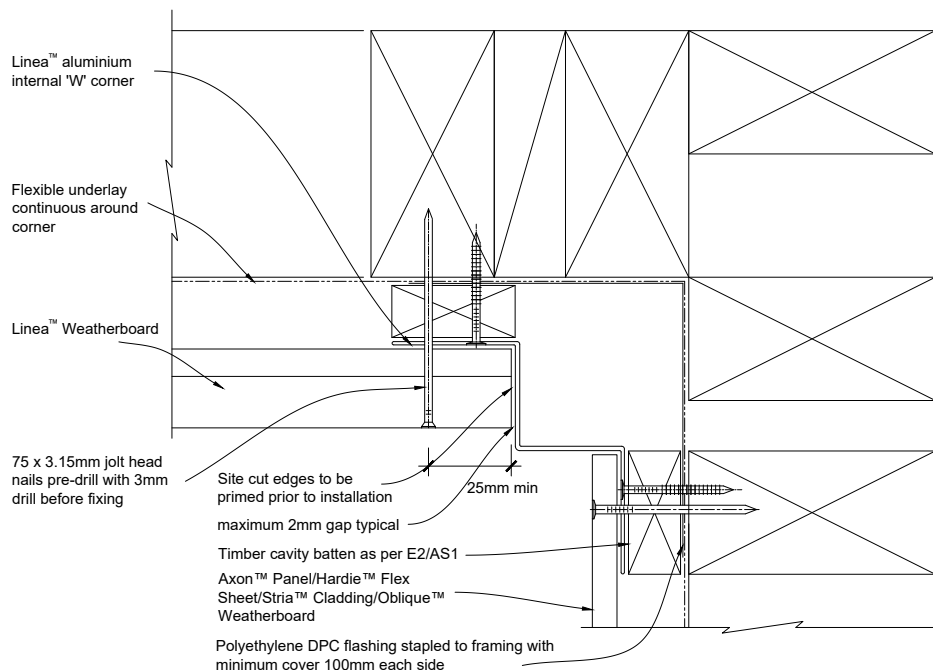


Figure 10: Internal corner junction between Linea™ Weatherboard and Axon™ Panel

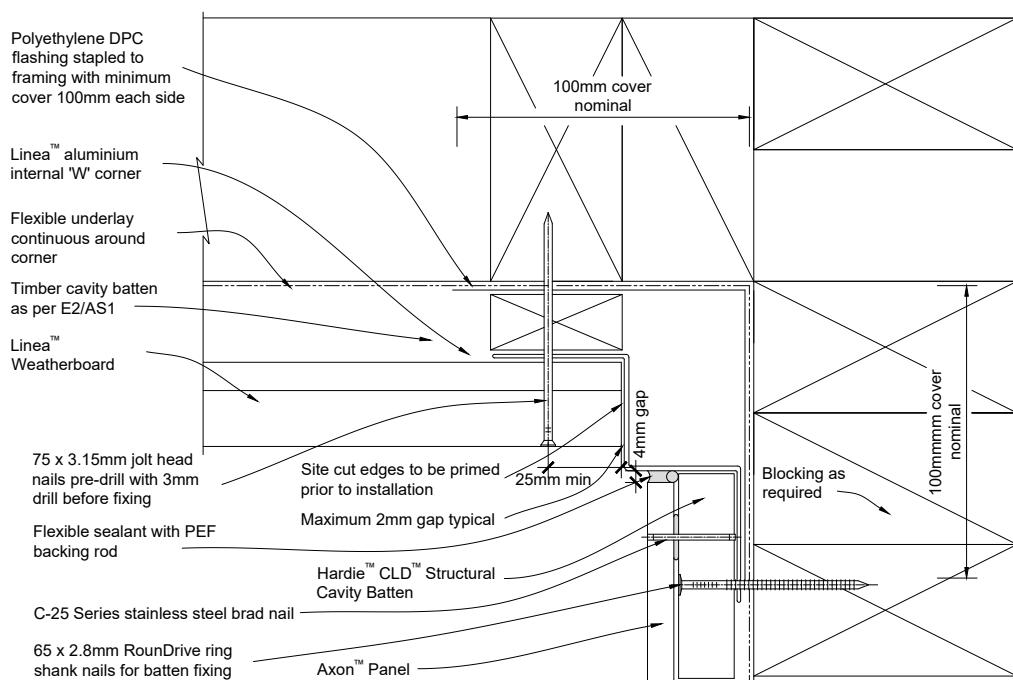


Figure 11: Internal corner junction between Stria™ Cladding and Axon™ Panel

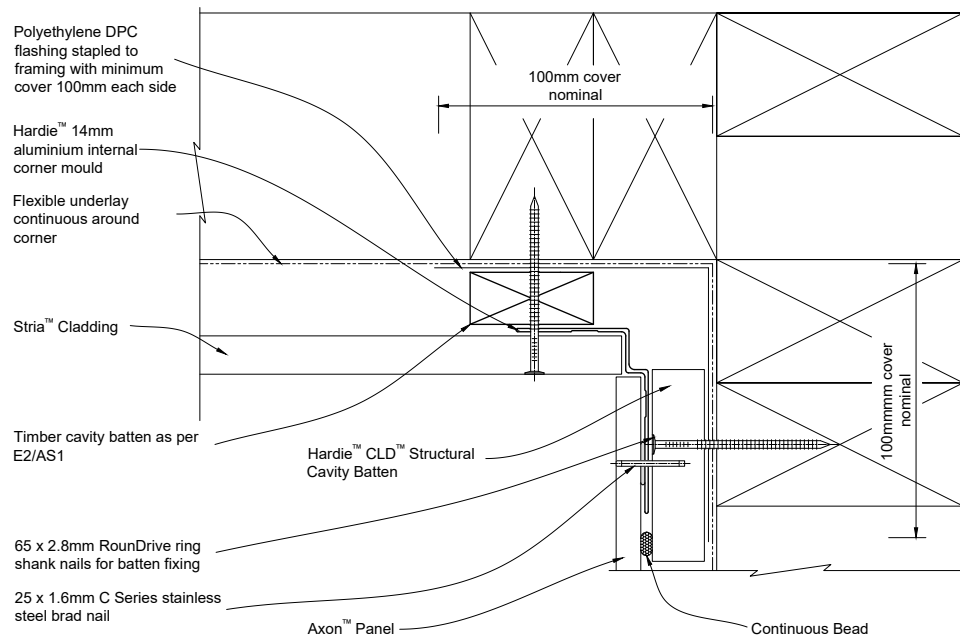


Figure 12: Internal corner junction between Stria™ Cladding and Axon™ Panel

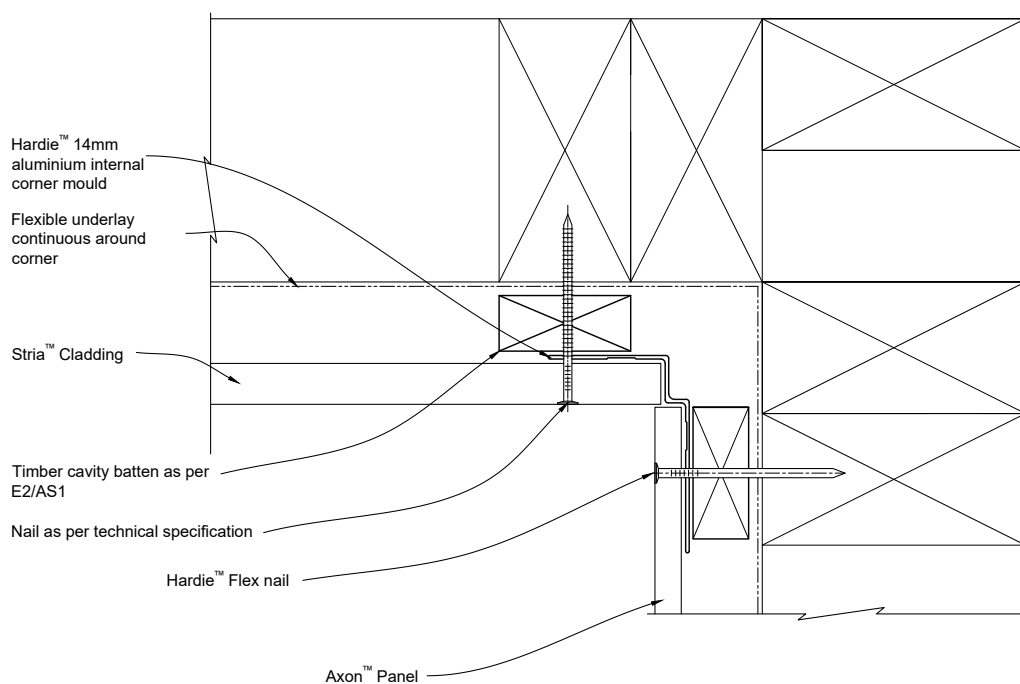


Figure 13: External corner junction between Linea™ Weatherboard and Axon™ Panel

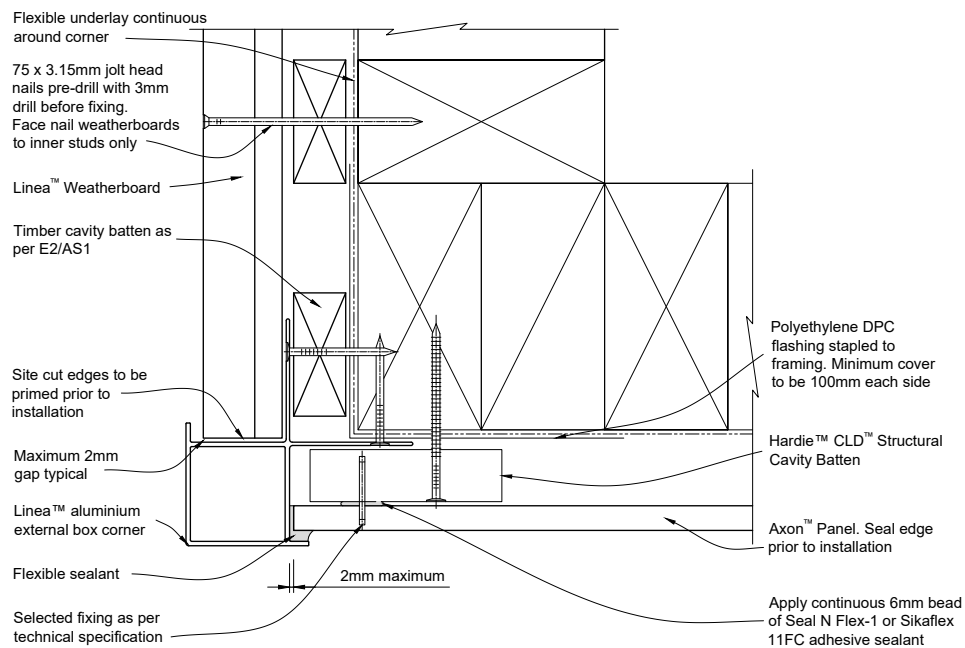


Figure 14: External corner junction between Linea™ Weatherboard and Axon™ Panel/ Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard

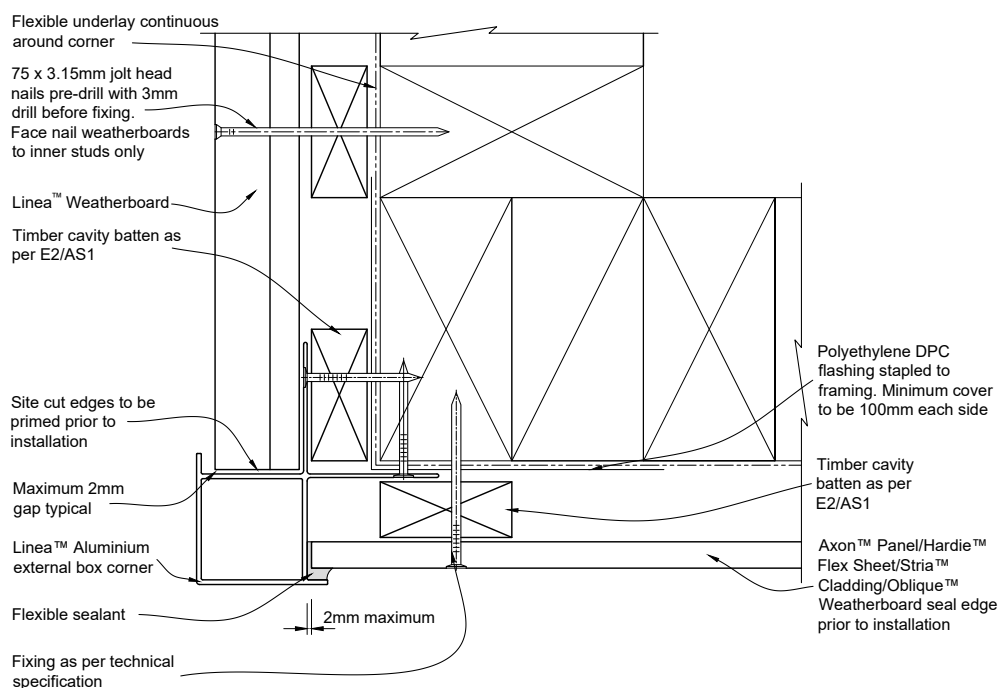


Figure 15: Junction between Linea™ Weatherboard and brick veneer

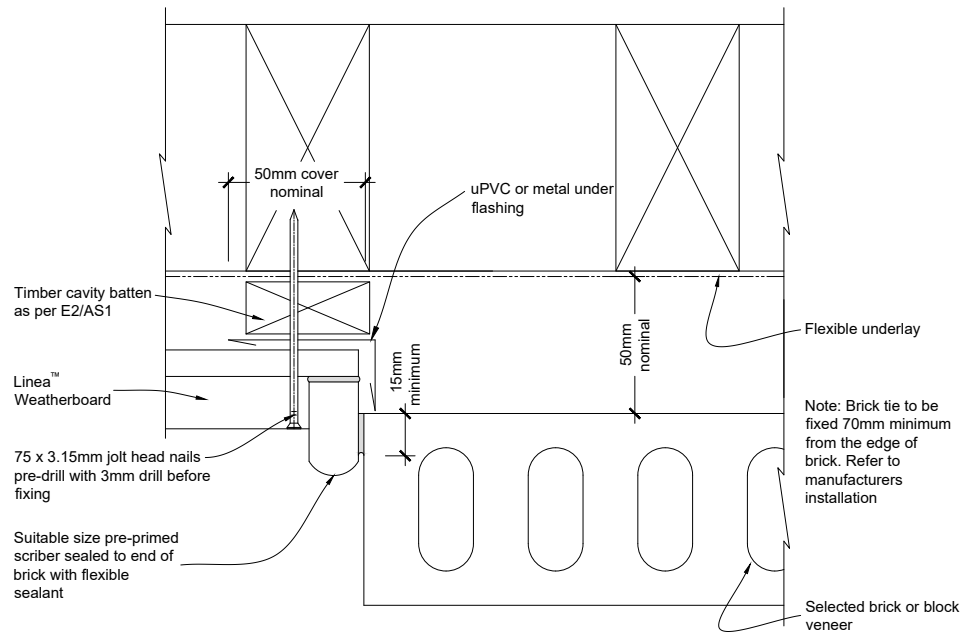


Figure 16: Internal corner junction between Linea™ Weatherboard and brick veneer

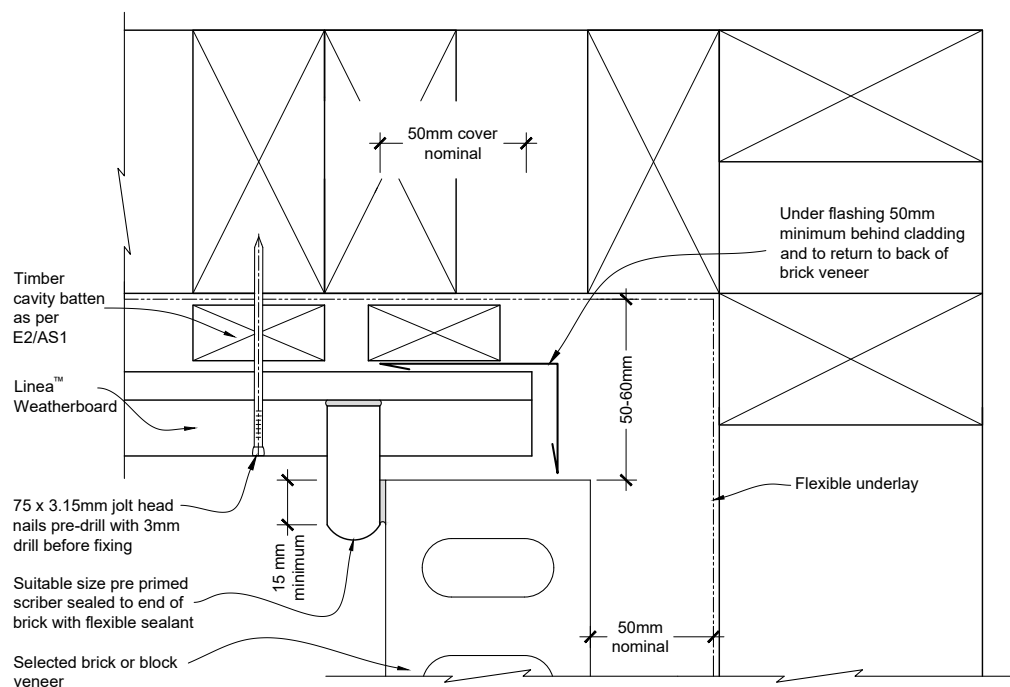


Figure 17: External corner junction between Linea™ Weatherboard and brick veneer

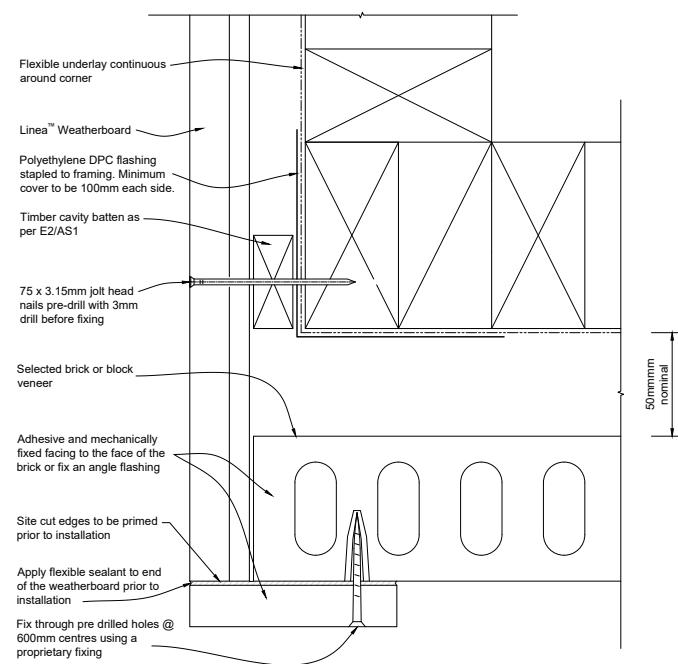


Figure 18: External corner junction between Stria™ Cladding and Axon™ Panel

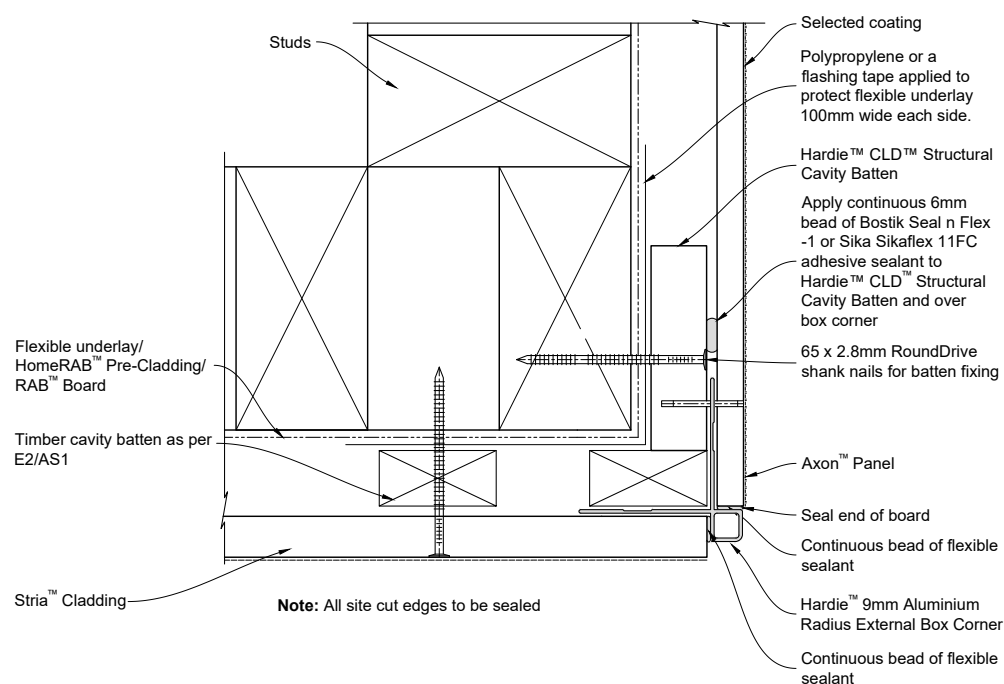


Figure 19: Junction between Axon™ Panel and brick veneer

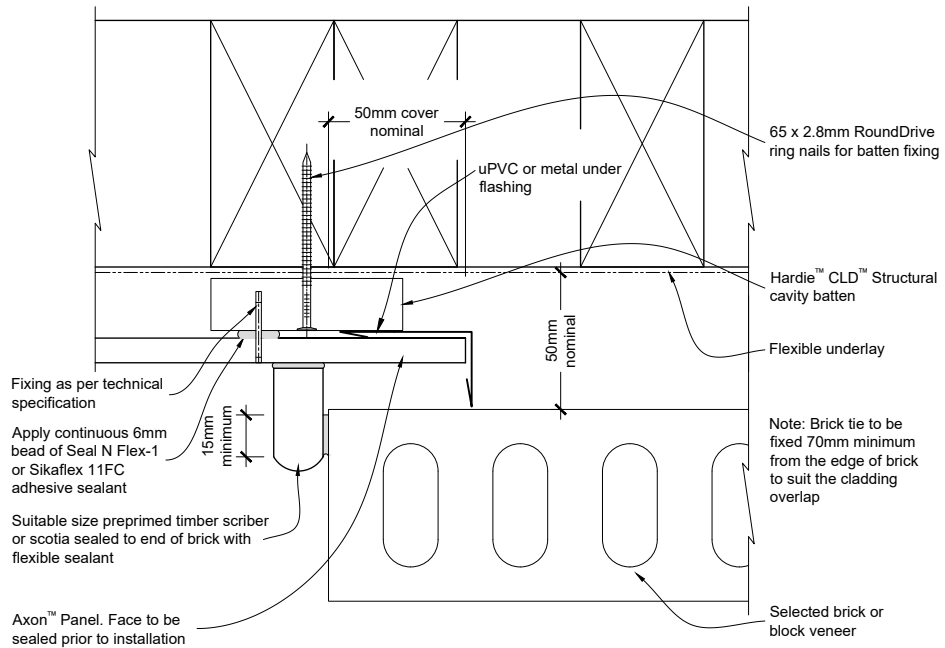


Figure 20: Internal corner junction between Axon™ Panel and brick veneer

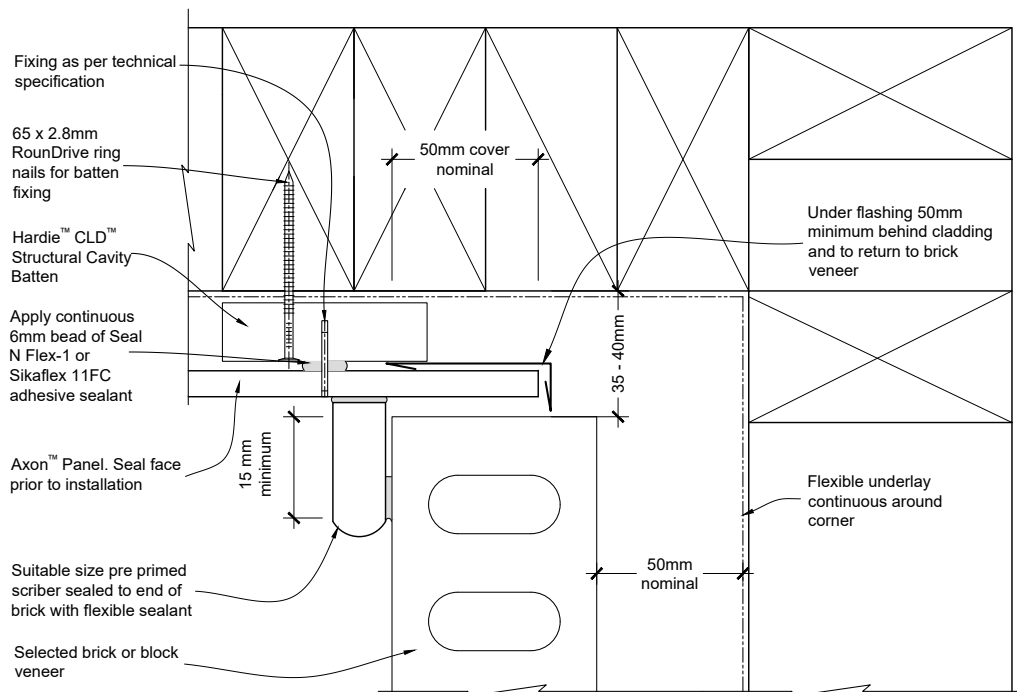


Figure 21: External corner junction between Axon™ Panel and brick veneer

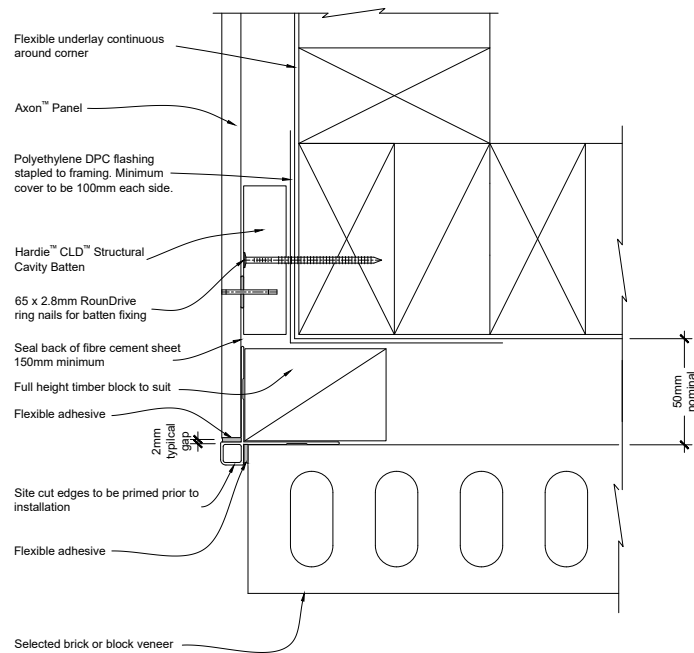


Figure 22: Junction between Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard and brick veneer

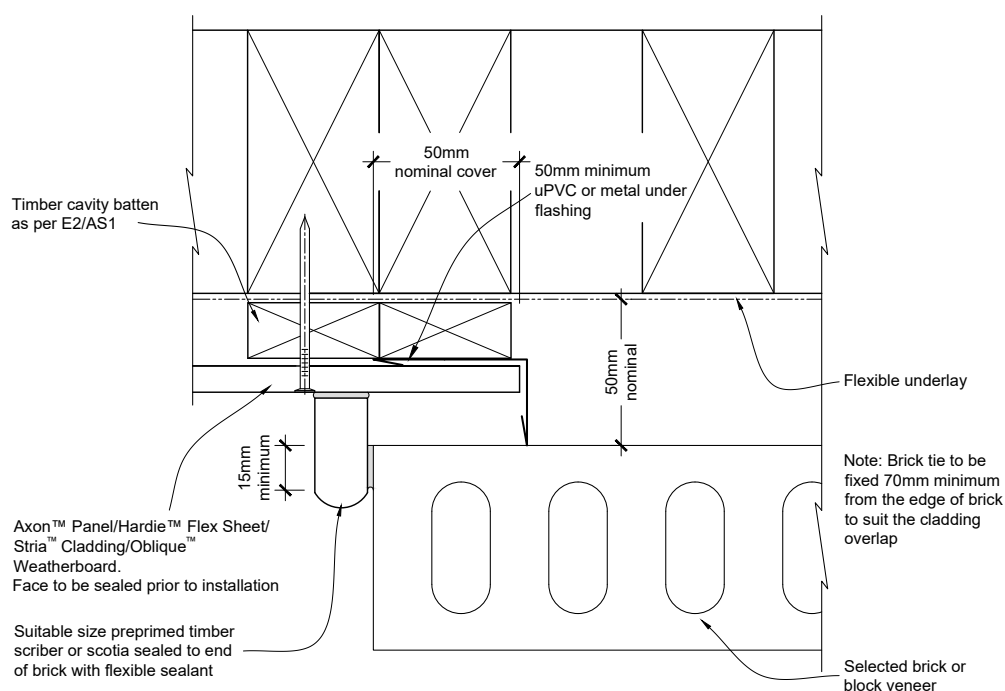


Figure 23: Internal corner junction between Axon™ Panel/Hardie™ Flex Sheet/ Stria™ Cladding/Oblique™ Weatherboard and brick veneer

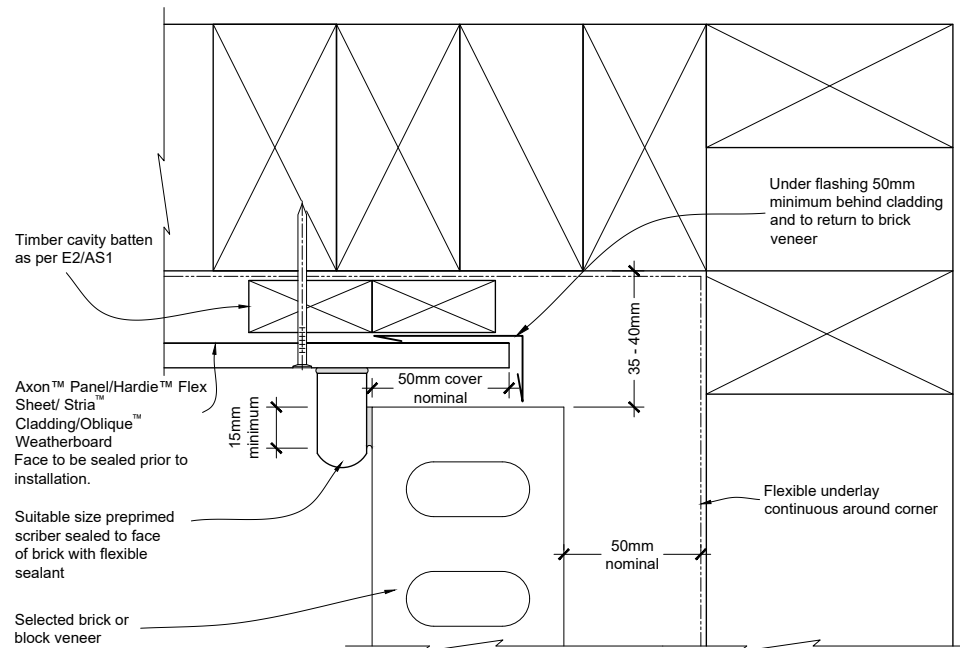


Figure 24: External corner junction between Axon™ Panel/Hardie™ Flex Sheet/ Stria™ Cladding/Oblique™ Weatherboard and brick veneer

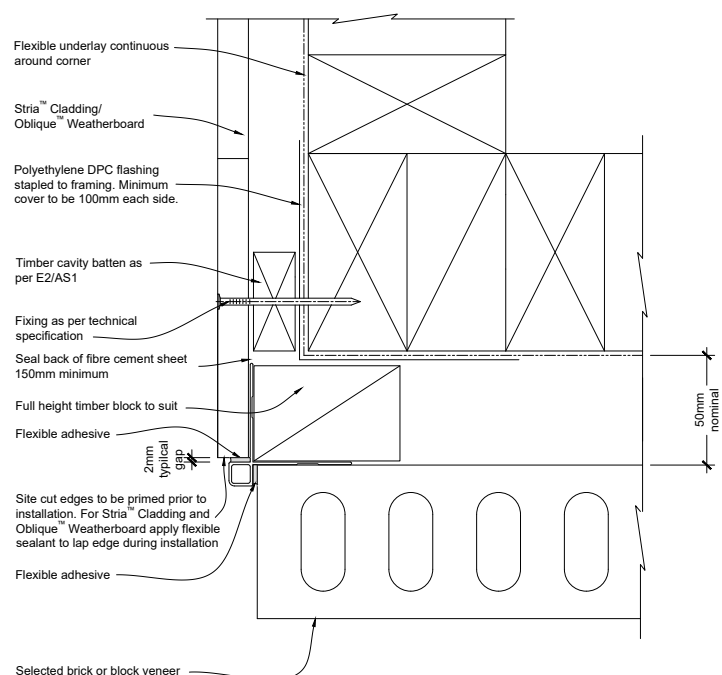


Figure 25: Internal corner junction between concrete wall and Axon™ Panel

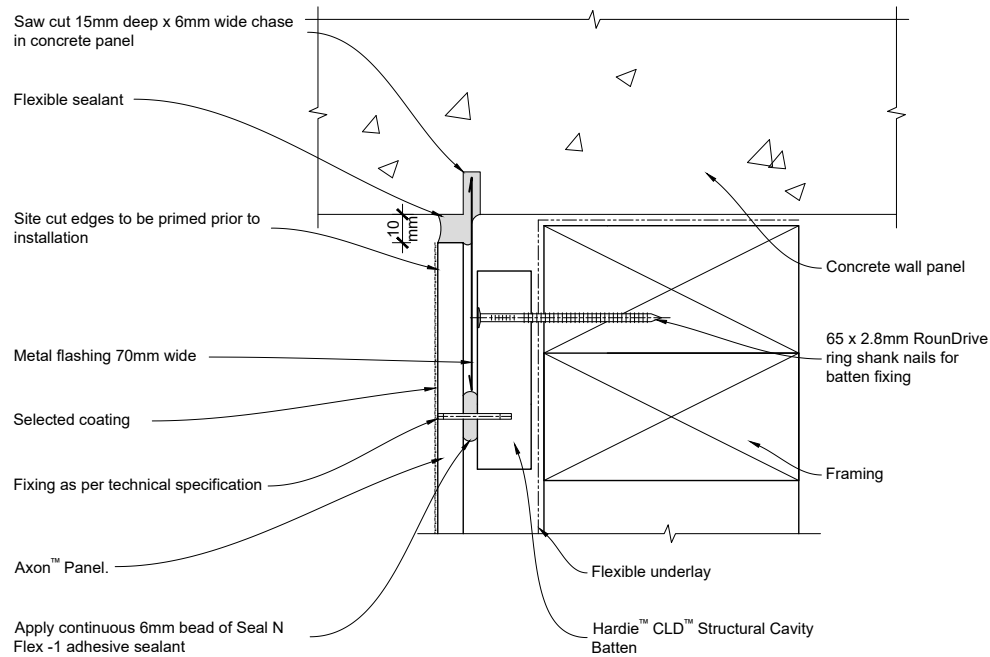


Figure 26: Internal corner junction between concrete wall and Axon™ Panel /Hardie™ Flex Sheet/Oblique™ Weatherboard/Stria™ Cladding

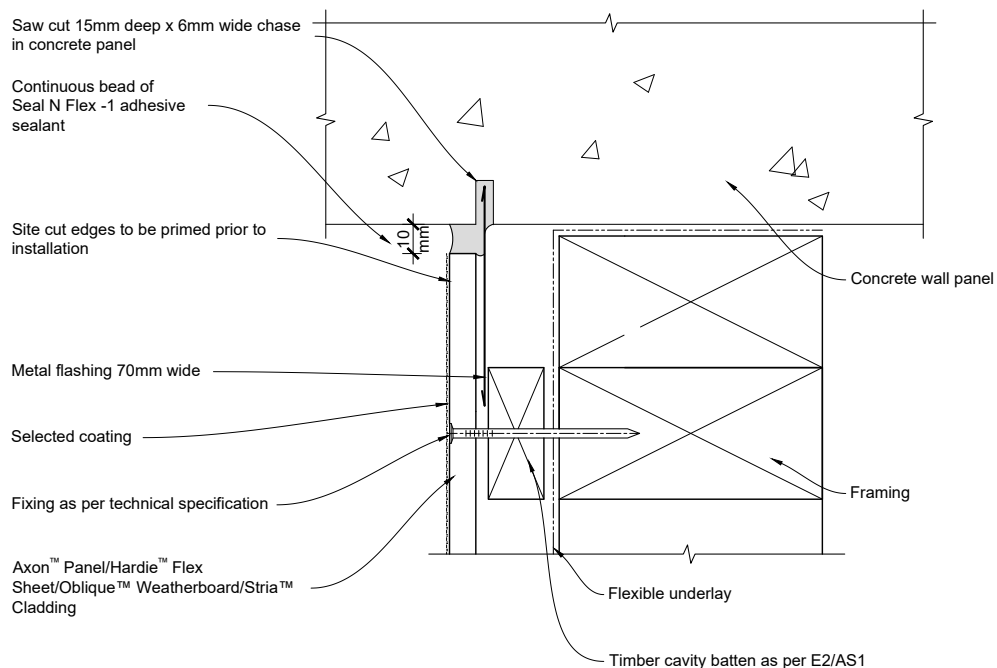


Figure 27: Internal corner junction between concrete wall and Linea™ Weatherboard on cavity

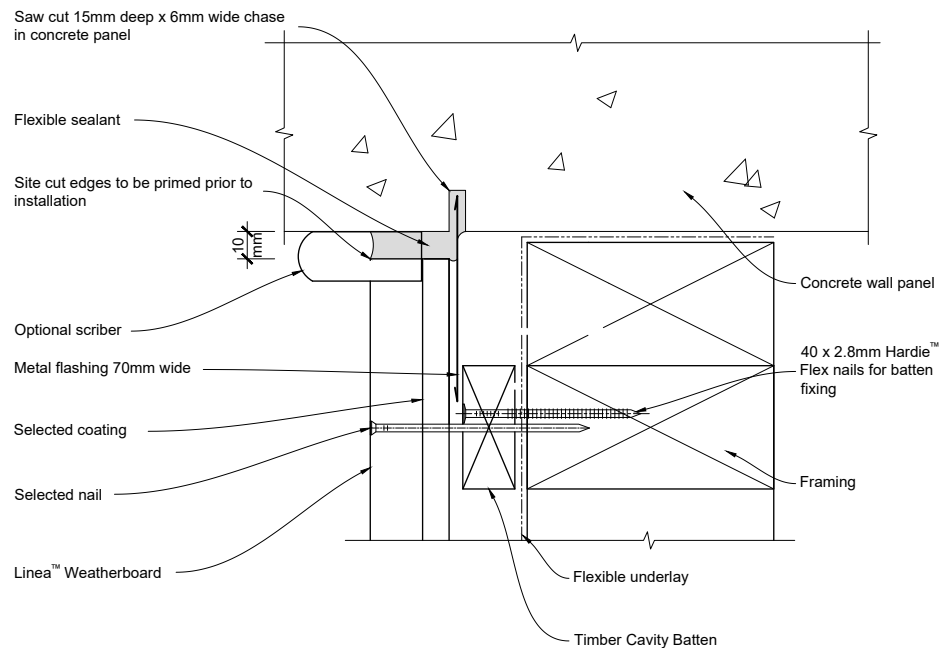


Figure 28: Internal corner junction between concrete wall and Axon™ Panel

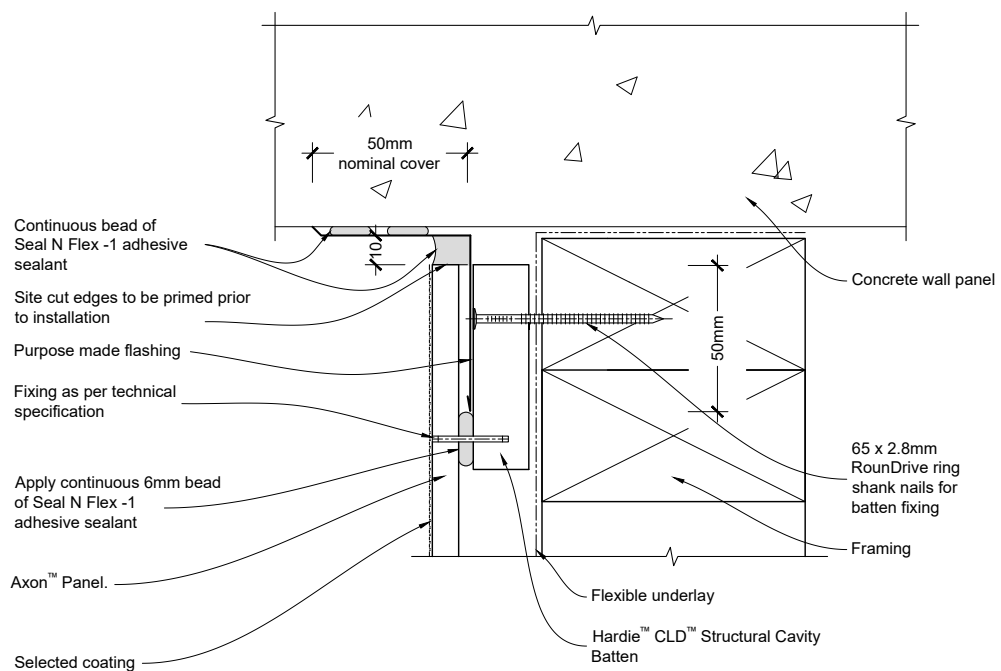


Figure 29: Vertical junction between Linea™ Weatherboard and Horizontal Metal Cladding

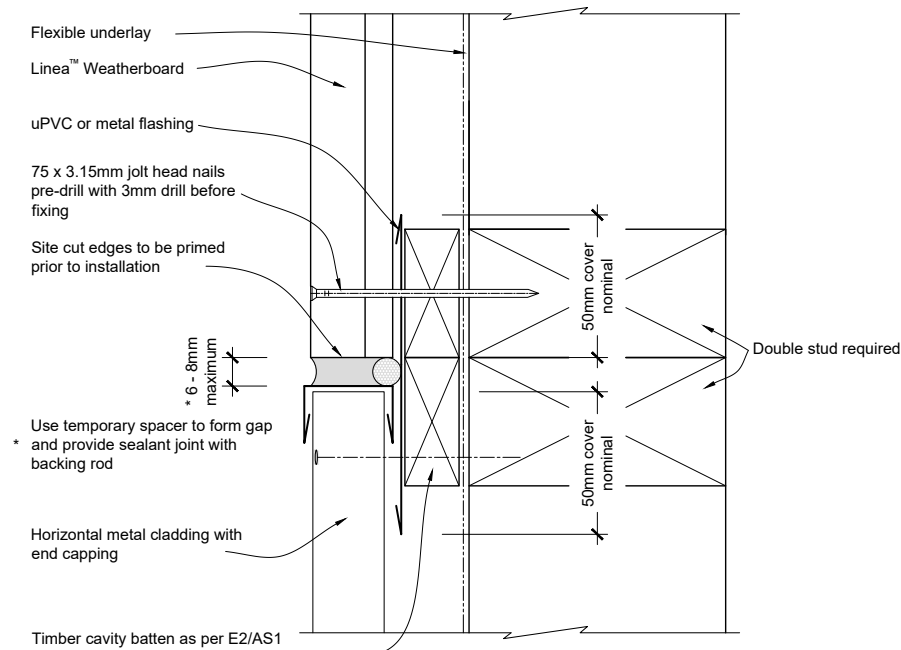


Figure 30: Internal corner junction between Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard and Horizontal Metal Cladding

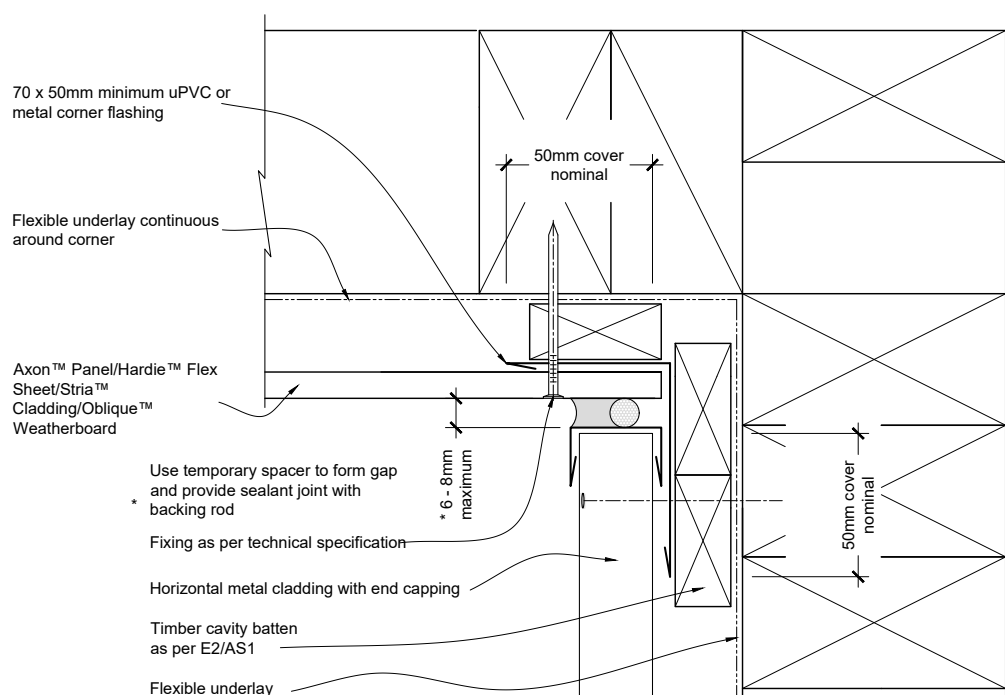


Figure 31: External corner junction between Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard and Horizontal Metal Cladding

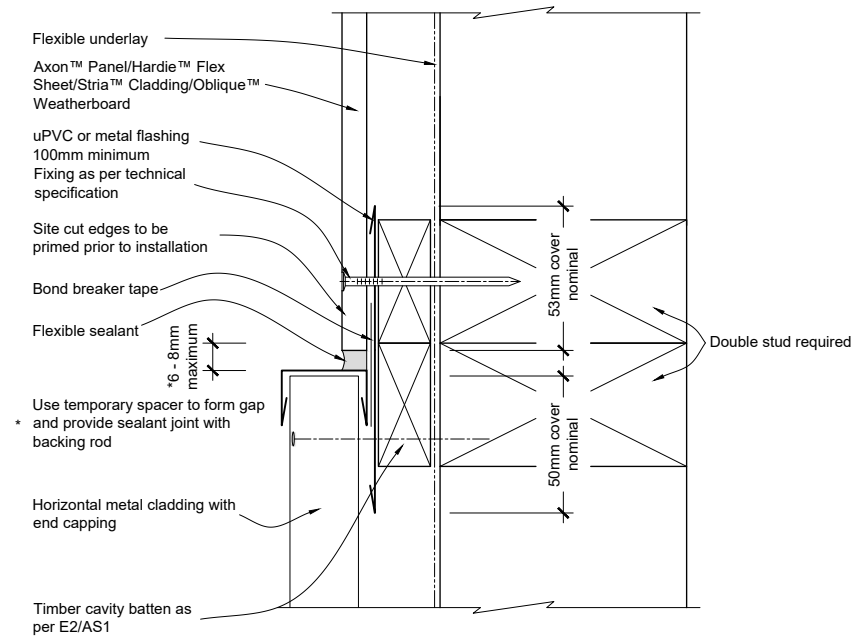


Figure 32: Vertical junction between Linea™ Weatherboard and EIFS Cladding

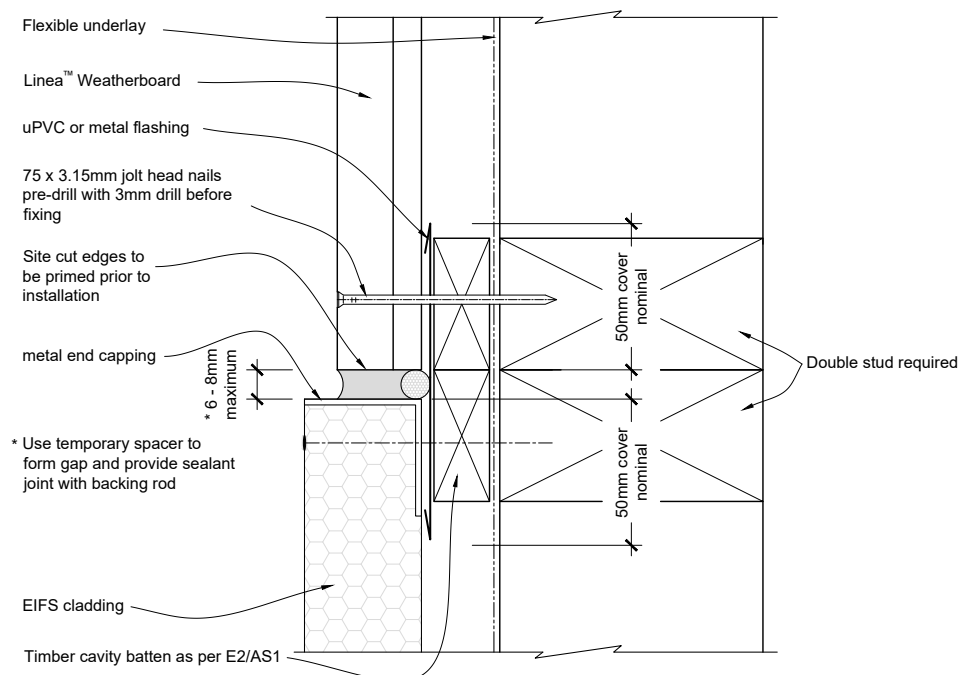


Figure 33: Internal corner junction between Linea™ Weatherboard and EIFS Cladding

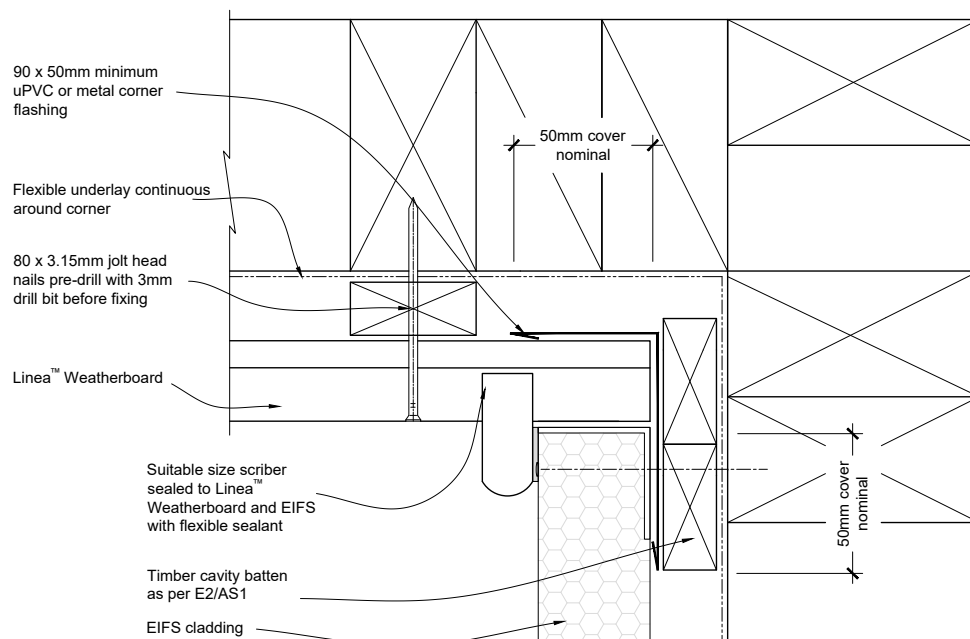


Figure 34: External corner junction between Linea™ Weatherboard and EIFS Cladding

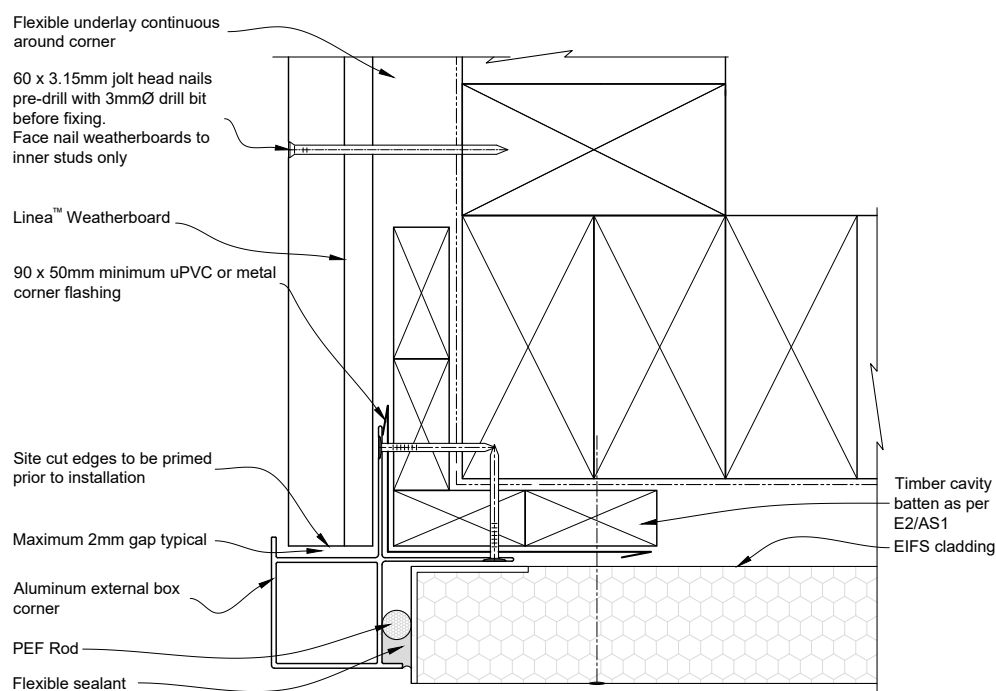


Figure 35: Internal corner junction between Axon™ Panel and EIFS Cladding

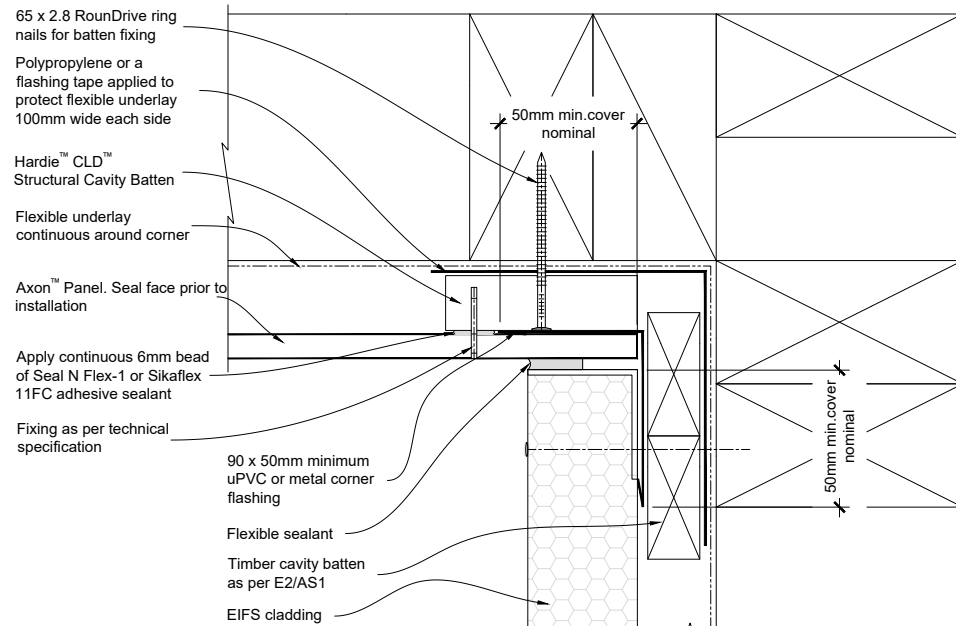


Figure 36: Linea™ Weatherboard expansion joint

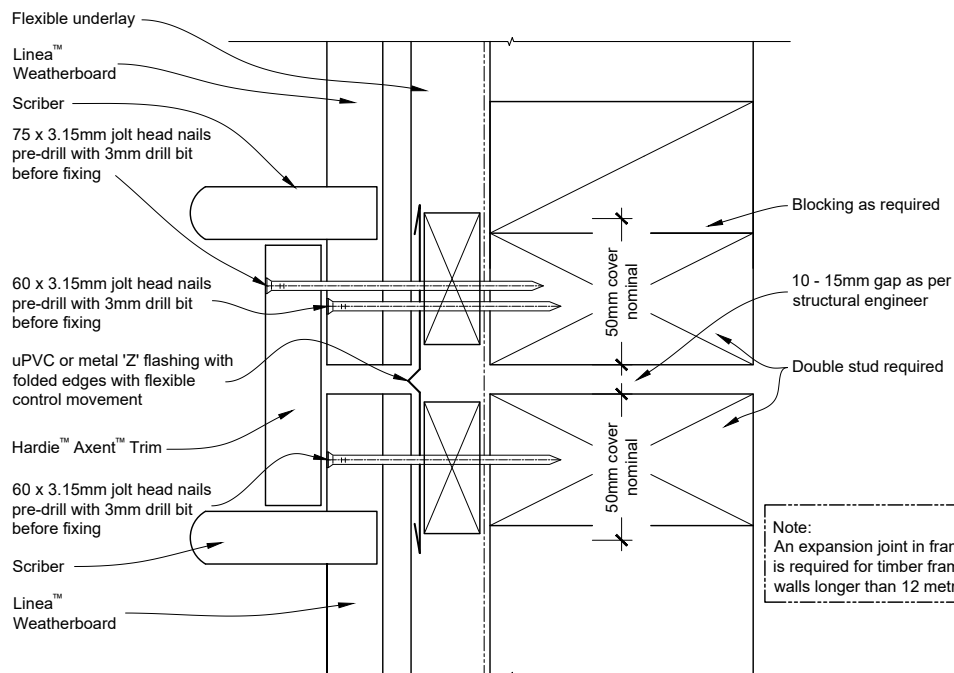


Figure 37: Drip edge to Linea™ Weatherboard to soffit junction

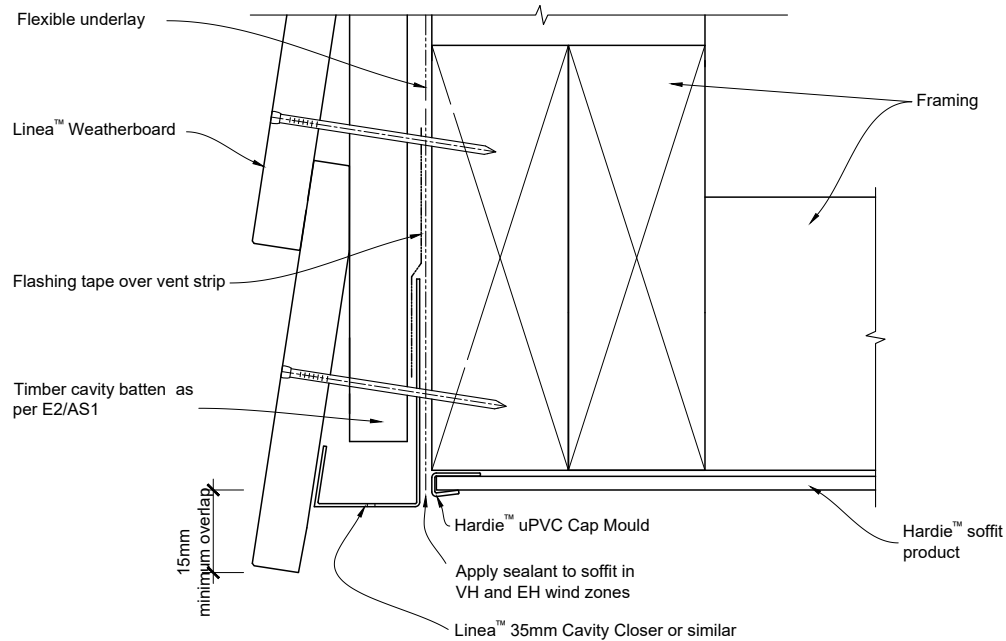


Figure 38: Linea™ Weatherboard - Level threshold front of door opening

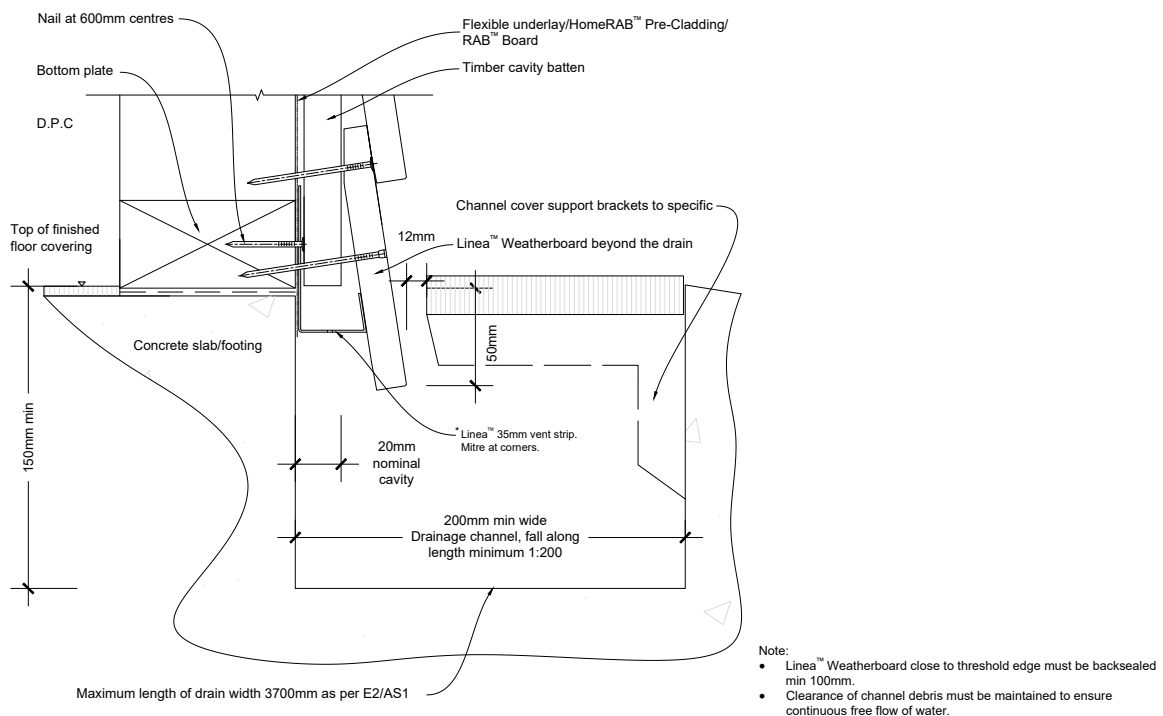


Figure 39: Linea™ Weatherboard on Cavity over Concrete Nib

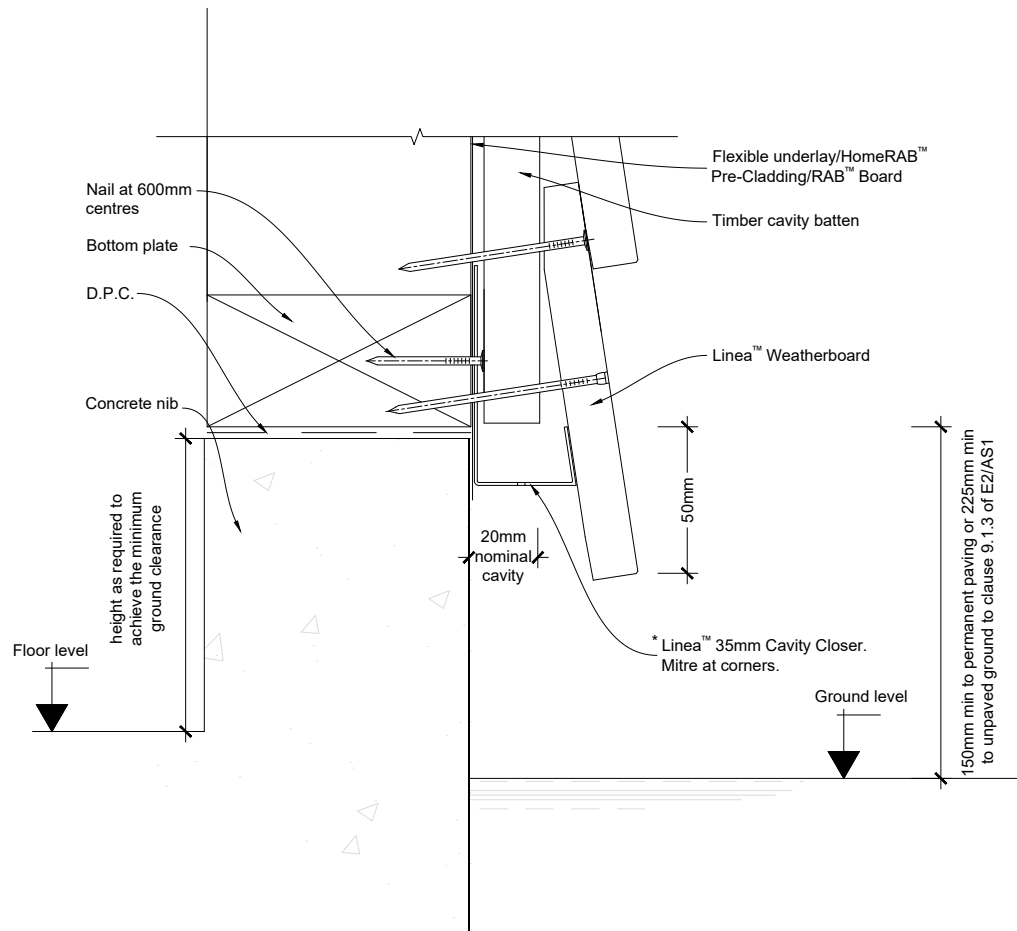


Figure 40: Linea™ Weatherboard on Timber Cavity Foundation

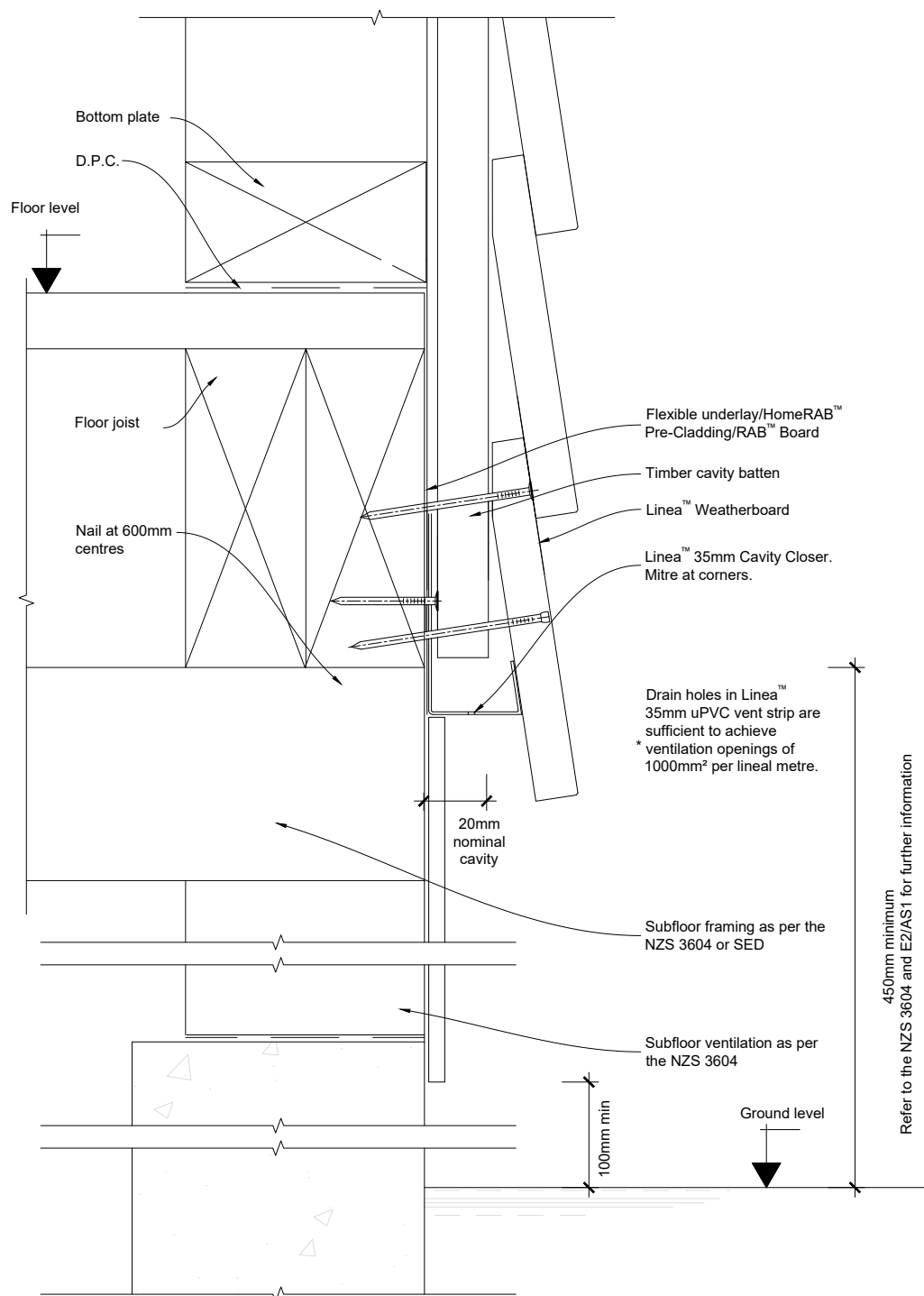


Figure 41: Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard on Timber Cavity Foundation

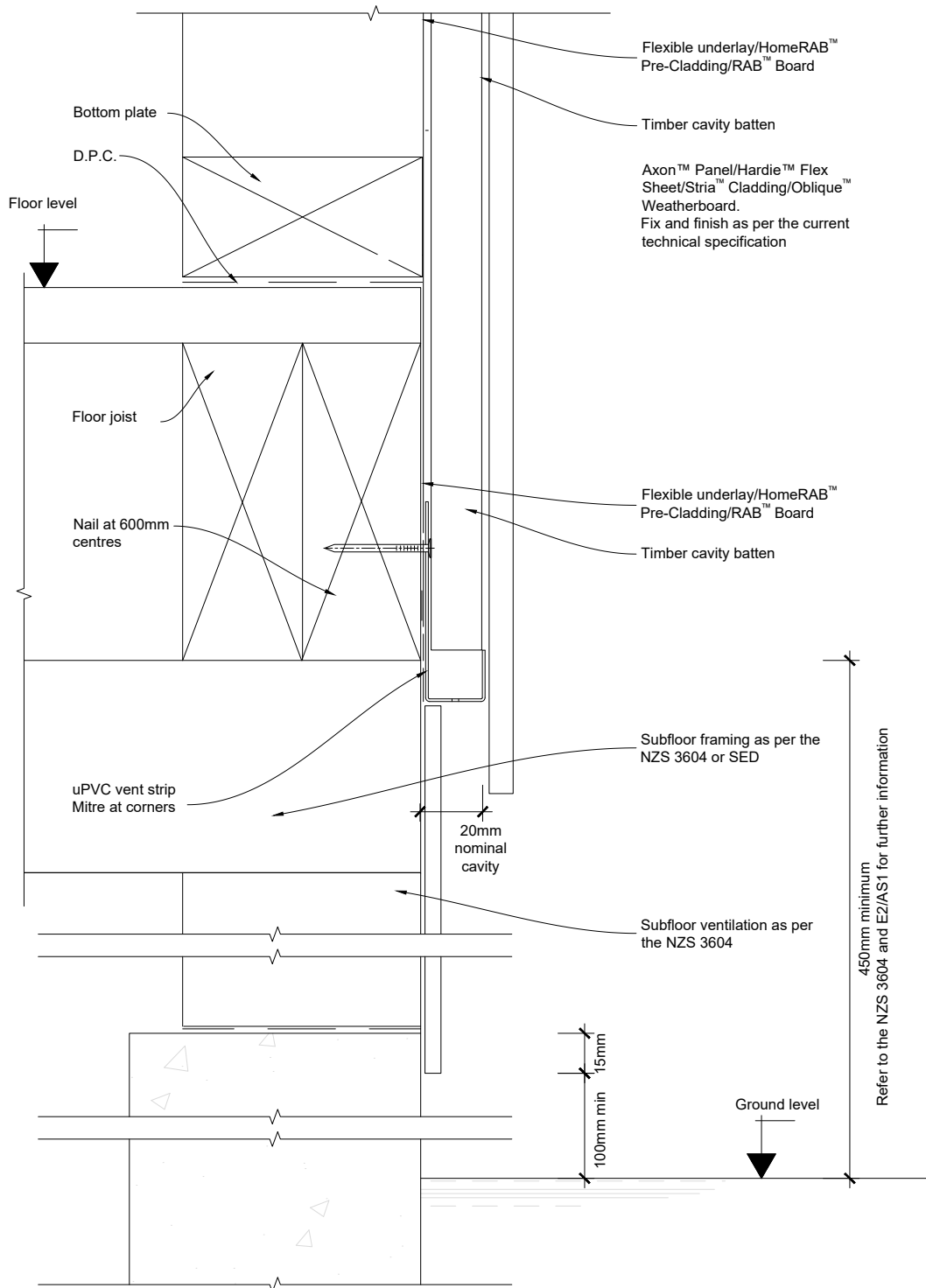


Figure 42: Vertical junction - Linea™ Weatherboard over RAB™ Board and Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard

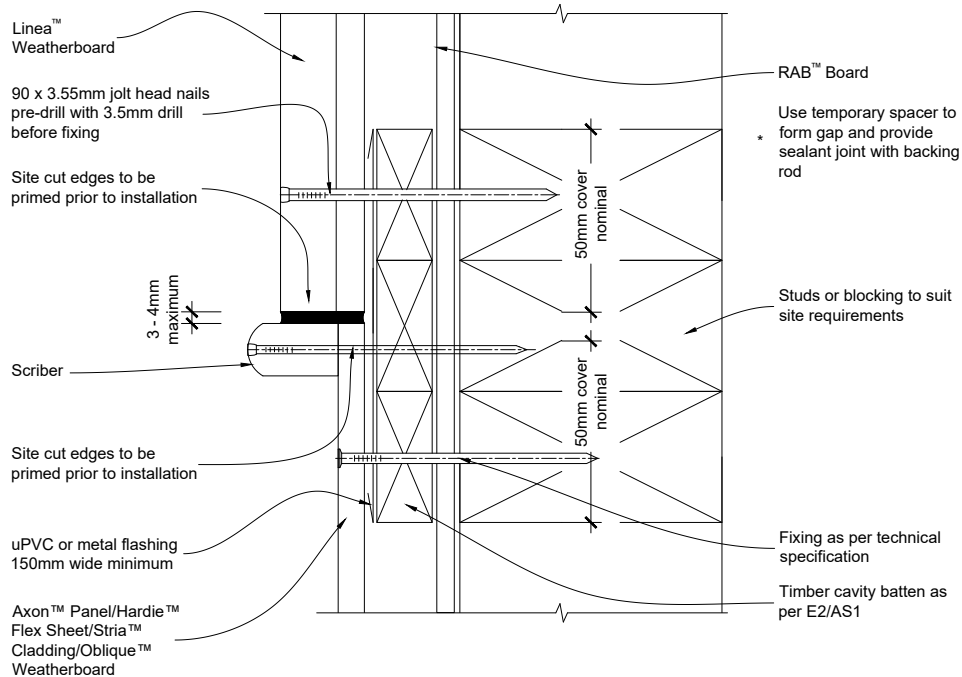


Figure 43: Vertical junction - Linea™ Weatherboard over RAB™ Board and Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard

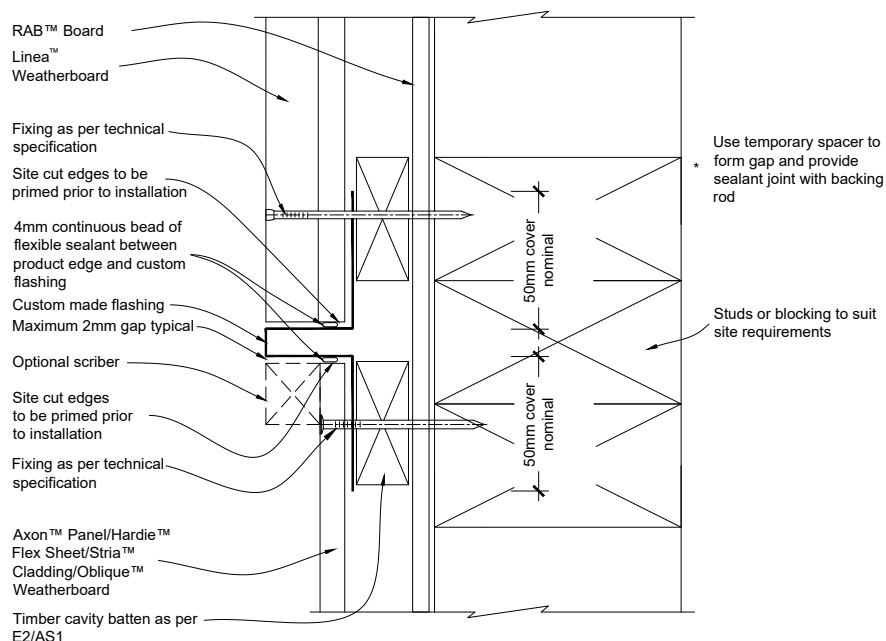


Figure 44: External corner junction between Linea™ Weatherboard over RAB™ Board and Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard

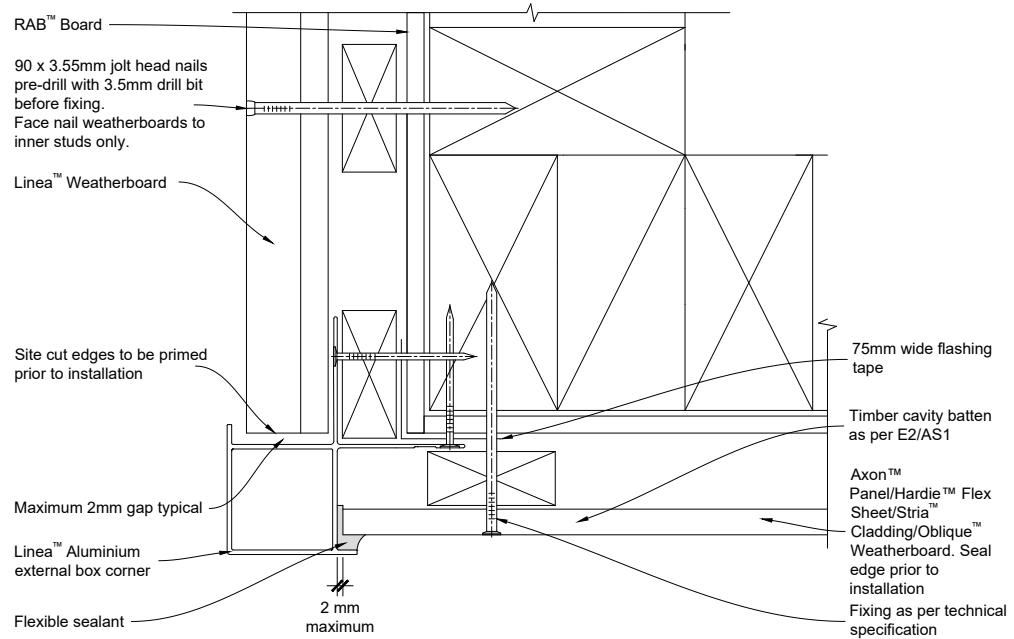


Figure 45: Vertical junction - Linea™ Weatherboard over RAB™ Board and Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard

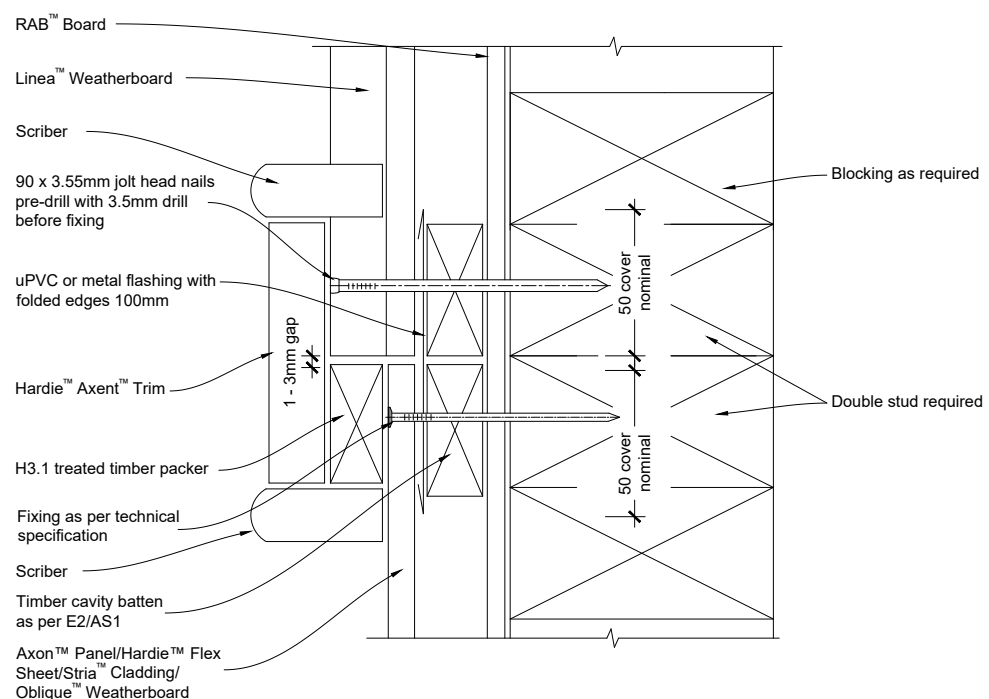


Figure 46: Junction between Linea™ Weatherboard over RAB™ Board and Brick Veneer

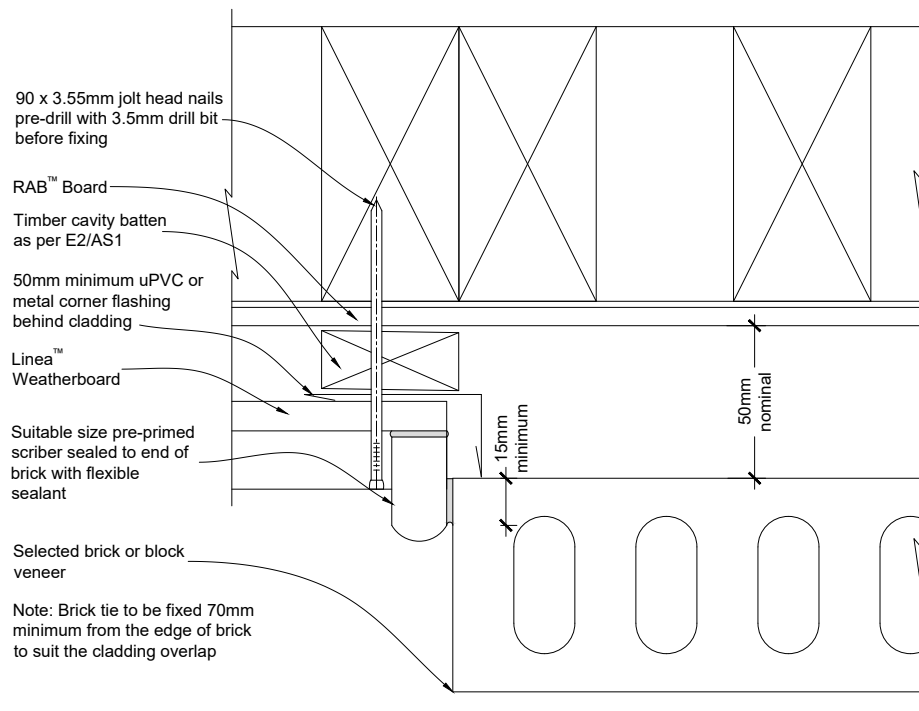


Figure 47: Internal corner junction between Linea™ Weatherboard over RAB™ Board and Brick Veneer

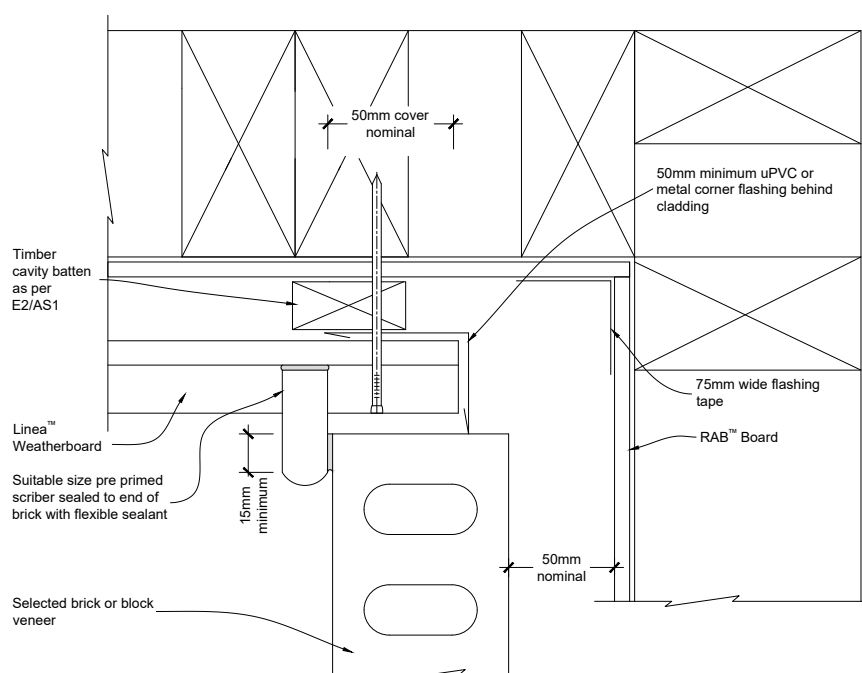


Figure 48: External corner junction between Linea™ Weatherboard over RAB™ Board and Brick Veneer

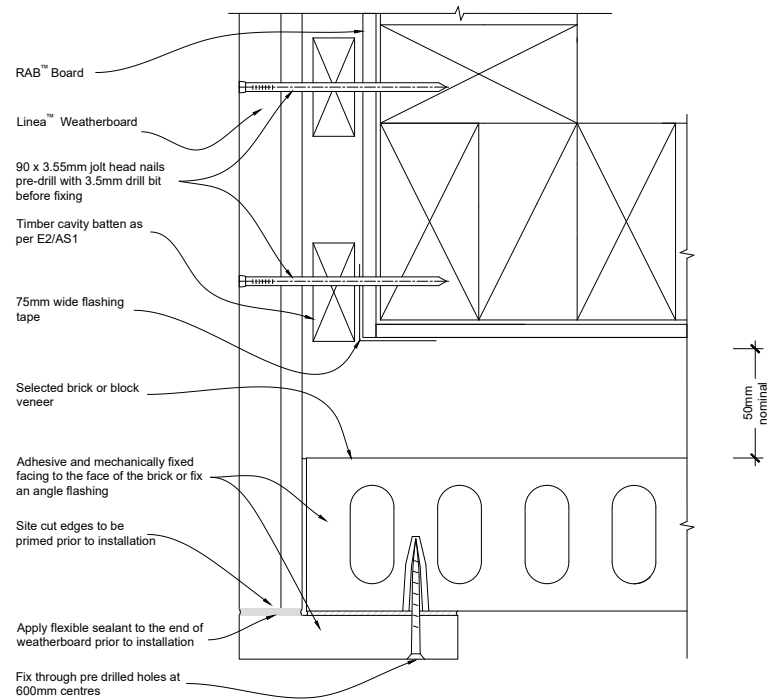


Figure 49: Internal corner junction between concrete wall and Axon™ Panel over RAB™ Board

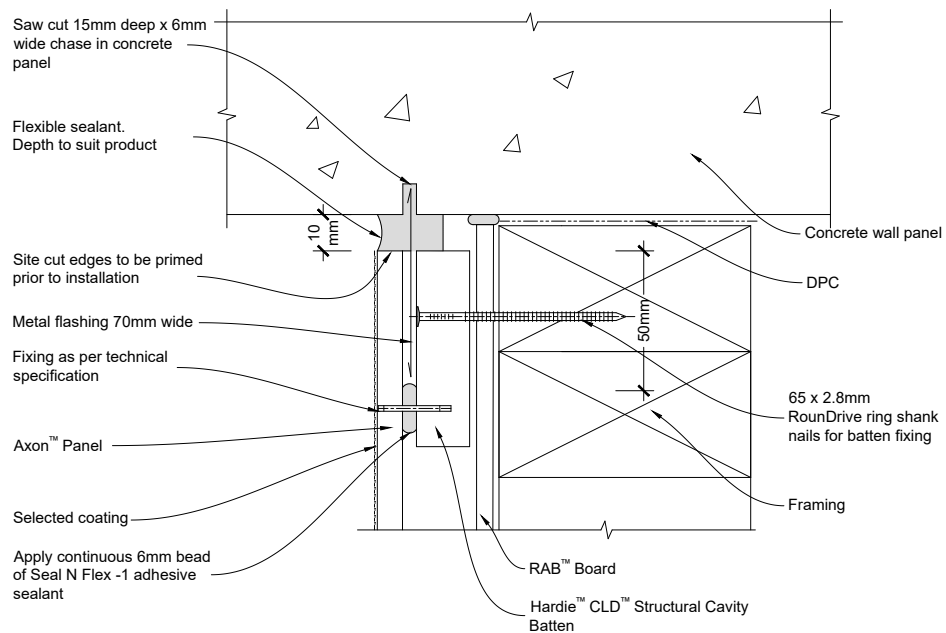


Figure 50: Internal corner junction between concrete wall and Axon™ Panel over RAB™ Board

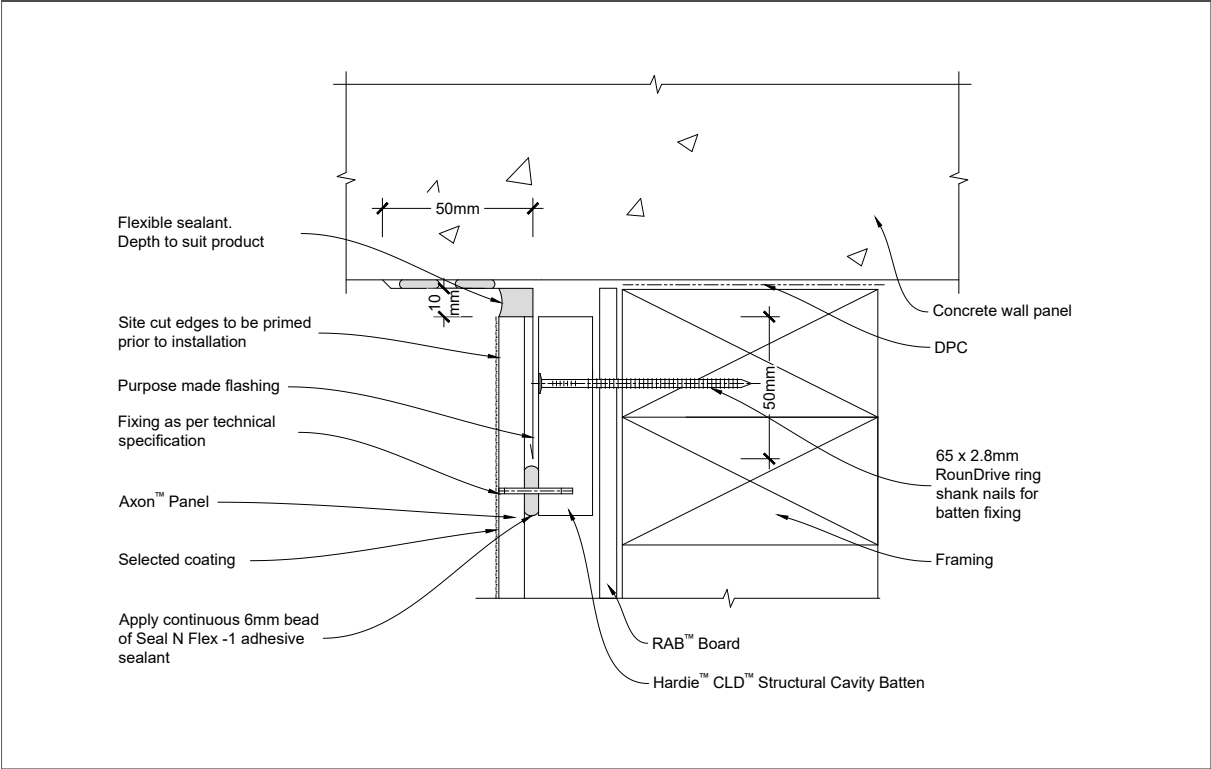


**Figure 51: Internal corner junction between concrete wall and Axon™ Panel/
Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard over RAB™
Board**

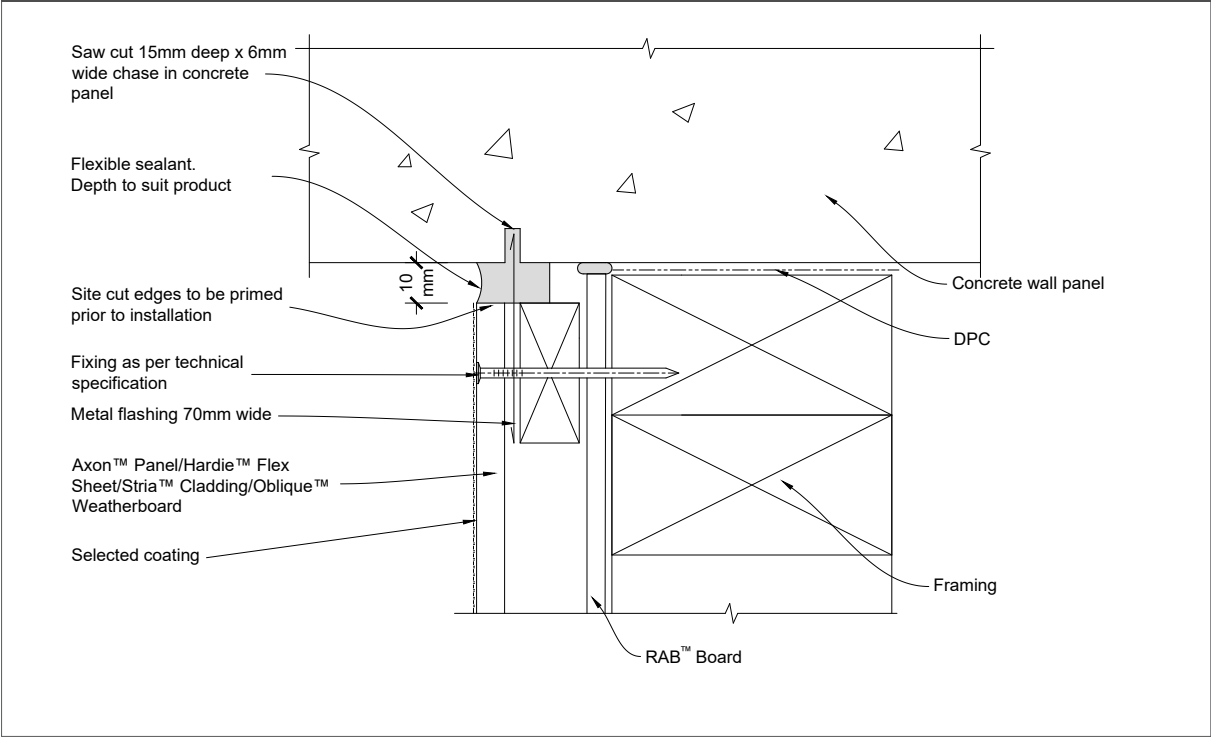


Figure 52: Internal corner junction between concrete wall and Axon™ Panel/Hardie™ Flex Sheet/Stria™ Cladding/Oblique™ Weatherboard over RAB™ Board

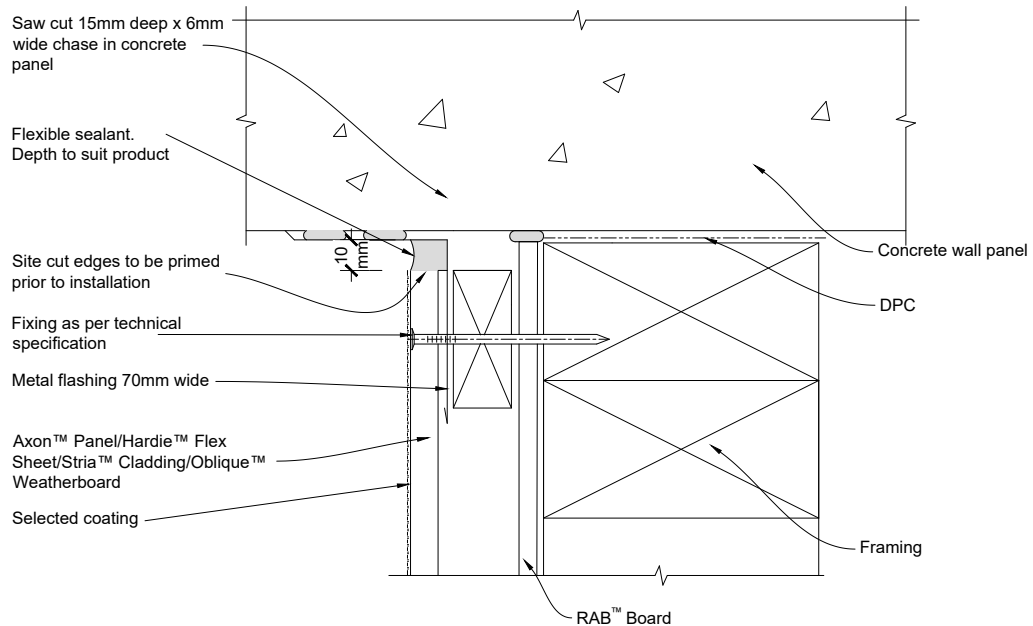
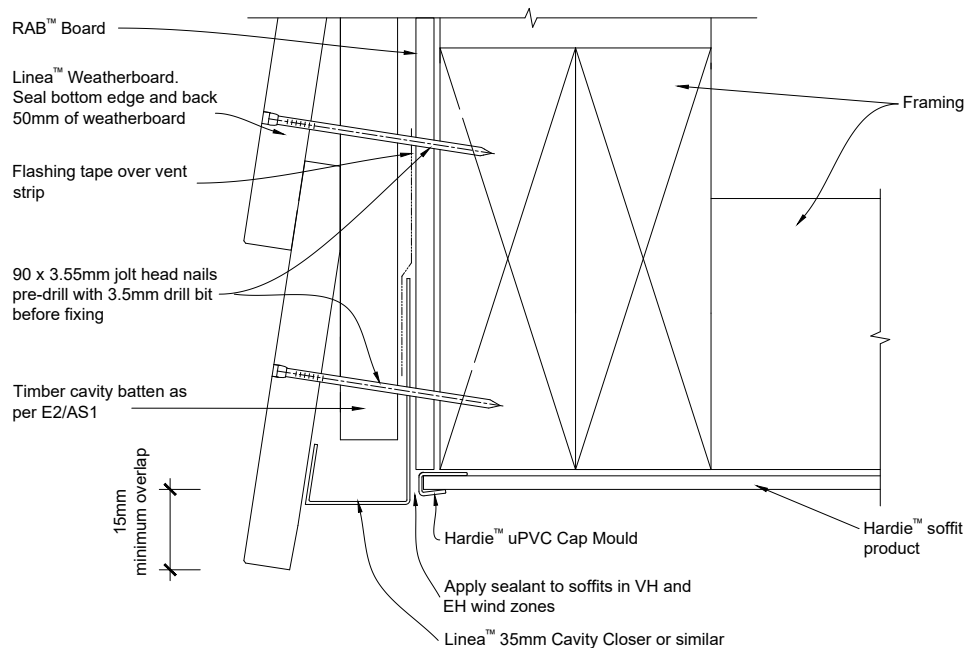


Figure 53: Drip edge junction between Linea™ Weatherboard over RAB™ Board to Soffit



Notes

Notes

