cbma
smarter building solutions

stonewood®

wood inspired lightweight cladding

CodeMark Australia
Certificate CM40423

INSTALLATION GUIDE

INDEX

01. INTRODUCTION

Stonewood® cladding has been developed to offer an architecturally modern solution to your cladding. With focus of offering visually appealing products with ease and simplicity that makes installation a breeze.

Stonewood® has the appeal of workability like wood, utilising standard woodworking tools for drilling and cutting, while embracing the benefits from cement based products.

Advantages

- Termite resistant
- Cut and drill with standard timber saw blades and drill bits.
- Less than 1% crystalline silica (as tested by a NATA accredited laboratory)
- Numerous designs and architectural options
- Non combustible and FRL options available
- Direct Fix or Cavity system
- Vertical or Horizontal installation

DESIGN CONSIDERATIONS 02.

General Design

IMPORTANT: Specific projects will require the use of particular construction techniques and products. It is the responsibility of the building designer, specifier and other relevant user(s) to determine that any product purchased by them from CBMA, including the chosen system, is suitable for all intended uses and the specific requirements of the relevant project. The user must ensure that its use of any products purchased from CBMA complies with the appropriate rules and regulations of the NCC and all other applicable laws and regulations.

This installation guide does not cover all aspects of construction on a project and is produced by CBMA as a guide only. It is the responsibility of the building designer, builder, engineer and other relevant user(s) to confirm that all further details, or design considerations (whether or not referred to in this installation guide) are specified and approved by the relevant professionals and/or authorities prior to commencing construction.

Structural and Framing Requirements

Stonewood® panels can be installed onto timber or steel framing as designed by others to meet all building codes and regulations. Stonewood® can be installed direct to frame or on battens to provide a cavity system as detailed in this guide. The wall/s are to be designed and constructed in accordance with all NCC and relevant standards with minimum stud dimensions of 70mm (depth) x 35mm (width). Load bearing walls will be designed to meet all relevant standards and regulations for applied loads and wind pressures for AS4055 Wind Classifications N1, N2, N3 and N4.
It is important the frames are square and true, prior to installing Stonewood® cladding. A recommended flush frame tolerance of up to 4mm over a 3000mm length will offer maximum results in construction and performance.
Steel Frames must have a thermal break installed as per NCC Vol 1, J3D6 and Vol 2, 13.2.5 installed over the approved wall wrap prior to Stonewood® cladding being installed. The cavity fix system is the preferred option.
Cavity battens are generally installed vertically, but can be installed horizontally, however horizontal battens must be either vented battens or installed on a 5 degree angle to allow moisture to escape.

Termite and Moisture Management / Wall Wrap

It is the responsibility of the designer and builder to ensure that all termite and damp resistance requirements are implemented as per any NCC requirements and meet the requirements of AS/NZS4200.1. The building designer must ensure that all moisture management and condensation risks are assessed, this may also require review for high risk areas, or include additional flashings or waterproofing methods. The wall wrap/membrane must be suitable for the climate zone and must be installed as per AS/NZS4200.2.

Ground clearance

It is the responsibility of the builder/designer to ensure that the building is designed to meet all NCC and local regulations regarding ground clearance. Stonewood® must have a ground clearance of 150mm to ground and 50mm from any solid levels, such as driveways, roof-lines, decks or paths. Stonewood® panels are not to remain in contact with standing water.

Fire Resistance

Stonewood® panels (only) are classed as non-combustible as tested to AS1530.1.
For a minimum FRL60/60/60, Stonewood® can be used within the Zerobound system. Refer to the Zerobound installation guide for further information.

Joints placements / movement joints

Before installing the Stonewood® system, it is important to detail the placement of all joints. Joints should be in-line with windows, doors, floor levels and required building movement joints. Stonewood® panels are to have expansion joints at every 5400mm inclusive of corners. Dark colours or high movement may require reducing the spacing to 3.6m or less. Where possible joints should align with corners of openings within the wall. Where panels are over a opening/penetration larger than 900mm (I.E.: large windows/ doors) there is to be a control joint on the corners. These items do not cover all aspects of control joints and further expansions/movement joints maybe required for your particular project. Horizontal Control joints are required at all floor levels and roof framing junctions. All control joints are to be filled with suitable Polyurethane sealant.

DESIGN CONSIDERATIONS 02.

Fasteners
All fixings are to be a minimum of Class 3 coated fixings. All fixings are to be flush driven, or at a maximum of 1.5mm deep, determined by the client depending on the final finish the client is after. If filling the nails or screws holes, use a suitable Megapoxy P1 or external cement based compatible filler. Refer to coastal areas for high risk or coastal zones.

Flashings
All flashings are to be non-corrosive and must be installed to all relevant openings, junctions or other areas prior to cladding installation.

Coastal Areas
In coastal or other high risk areas, all fixings must be stainless steel. However when used in areas within 1km of a coastal areas or subject to high salt spray or in a corrosivity zone as per AS4312, additional panel coatings, protection or maintenance may be required, please refer to coating manufacturer for further details and suitability for coastal area coatings. All fixings should be coated immediately to avoid build up of contaminants or damage of fixings.

Coatings and boundary walls
Stonewood® panels have a moisture shield applied to the panels to assist in offering additional protection during construction stages, as well as a primer coat over the face of the product. Stonewood® panels are to be coated within 3 months of installation if exposed to the elements. If longer time frames are required, it is recommended that additional coat of suitable primer is applied to allow for longer build times. The suitable primer is to be determined by the coating manufacturer.

It is important that the builder/installer ensures the product meets the aesthetic requirements and has no visible defects prior to installation as CBMA will not be responsible for any rectification of any installed product.

All coatings must be installed as per the coating manufacturers approved requirements. All panels must be dry, clean and free of dust or contaminants prior to installing the coatings.
All edges are to be coated with final coating. Cut edges will be primed/sealed prior to install and final coat.

Stonewood® products can be coated in numerous finishes.
- Paint - water based paint system
- Texture paint - water based paint system
- Render - approved render system
- Stain - Water based - Contact CBMA for further information

All coating systems must be applied as per the manufacturers recommendations and is the responsibility of the client to confirm the suitability for the product and project.
Dark Colours such as absorbent >0.75 as defined in BASIX, should be considered carefully and additional expansion joints maybe required to combat any potential additional movement due to heat absorption.

All fixings can be filled with megapoxy or external filling compound suitable for cement based panels.

Thermal Calculations
Total thermal R rating of the Stonewood® panels is 11mm panels = R0.06m^2K/W. For standard wall system calculations please contact CBMA or view on the CBMA website.

Certifications
All CBMA testing and assessments have been performed by accredited NATA Laboratories, and industry professionals.
It is the responsibility of the builder and other relevant user(s) to ensure that the construction has met all building regulations and that the Stonewood® products has been installed as per the installation guide and/or any other laws, regulations, industry standards or requirements.

Install Notes
Failing to install as per this guide may endure injury, affect the system and product performance, violate the local building codes, and void the product warranty. The builder has to ensure that the product meets all aesthetic requirements prior to installing, CBMA will not be liable for any surface or aesthetic variations on any installed products. Ensure that insulation is not pressed directly against the Stonewood® panels as this may result in bulges.

COMPONENTS - PANELS

03.

Stonewood® panels come in many different formats and designs allowing many architectural designs. Stonewood panels can be mixed and matched to offer more options and visual appeal.

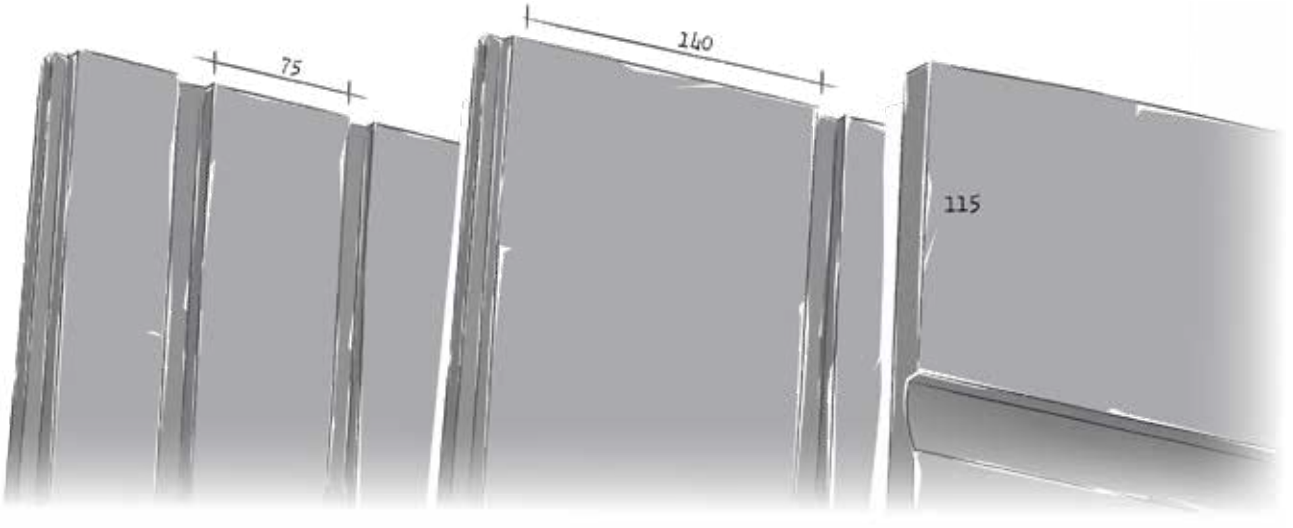
Stonewood® can be installed horizontally, vertically or with express joints. As well as direct fixed or on a cavity system (dependant on your climate and risk assessment)

All external Stonewood® products are either pre-primed** or pre finished to minimise site finishing and offer additional site protection.

Stonewood Panels

Description	Length	Width	Thickness	Weight per m2 (kg)
Stonewood® Deco 8mm 75	2400 / 2700 / 3000	1220	8	9.9
Stonewood® Smooth Square	2400 / 2700 / 3000	1220	10	13
Stonewood® 1200 Smooth	2400 / 2700 / 3000	1200	10	13
Stonewood® 75	2400 / 2700 / 3000	1200	11	13
Stonewood® 75 Wood	2400 / 2700 / 3000	1200	11	13
Stonewood® 115	2400 / 2700 / 3000	1220	11	13
Stonewood® 115 Wood	2400 / 2700 / 3000	1220	11	13
Stonewood® 140	2400 / 2700 / 3000	1220	11	13
Stonewood® 140 Wood	2400 / 2700 / 3000	1220	11	13
Stonewood® 300	2400 / 2700 / 3000	1220	11	13
Stonewood® 300 Wood	2400 / 2700 / 3000	1220	11	13
Stonewood® 400	2400 / 2700 / 3000	1220	11	13
Stonewood® 400 Wood	2400 / 2700 / 3000	1220	11	13
Stonewood® Fluid	2400 / 2700 / 3000	1220	11	13
Stonewood® Fluid Wood	2400 / 2700 / 3000	1220	11	13
Stonewood® 200 Lap	2700/3000	200	14	17
Stonewood® 300 Lap	2700/3000	300	14	17
Stonewood® 600 Graphite	616	1226	14	17
Stonewood® 1200 Graphite	1226	1226	14	17
Stonewood® 1800 Graphite	1830	616	14	17
Stonewood® Coloured	1800 / 2400 / 2700 / 3000	600 / 900 / 1220	10 / 12	17

*** All pre-primed products are still to be finished as per the coatings section*



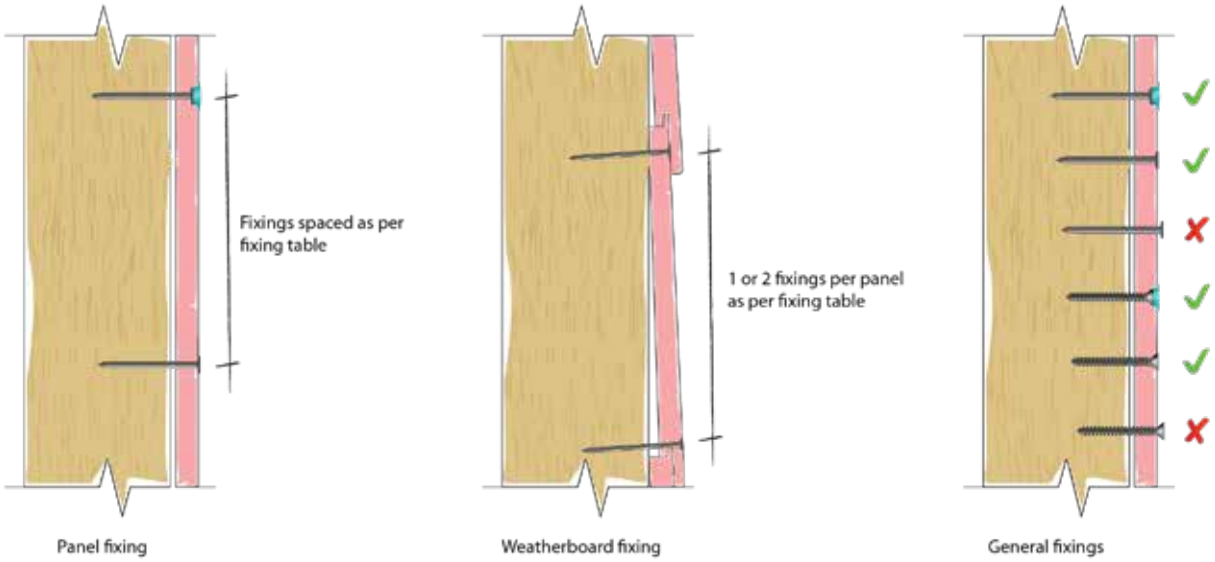
03. COMPONENTS - ACCESSORIES

The following accessories can be purchased from CBMA to assist in the installation of the Stonewood® system.

Although these are the main items, they may not cover all products required for the installation, items such as base flashings, Opening flashings, wall wrap tape, flashing tape, battens and other items outside of the below list maybe required and must be sourced by the builder / installer.

Accessories

Description	Length / unit
Base/Floor Trim Flashing - Suit 11mm panel	3.0m
Stonewood® 1 Piece Corner - External	3.0m
Stonewood® 2 Piece Corner - Internal / External	3.0m
Stonewood® Corner Flashing - 50x50mm	3.0m
Stonewood® Express Flashing - 10mm	3.0m
Joint Sealant - Polyurethane	600ml
8gx30mm Galv CSK self drilling	1000 pieces
8gx40mm Galv CSK timber screw	1000 pieces
14gx38mm SS Nail - Straight	2000 pieces
2.5x50mm SS ring shank coil nails	2000 pieces
Backing Tape 48mm	25m
Wall wrap - VapourTech VHP Climate 2-8 - 1350mm	40.5m2

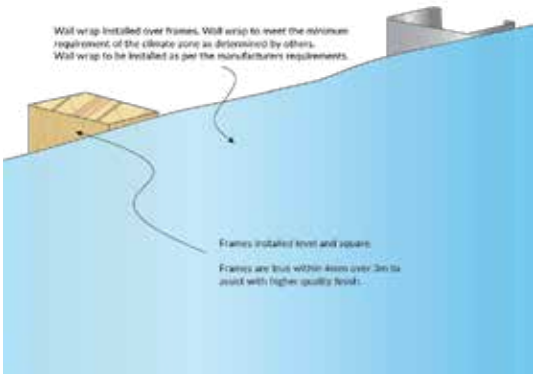


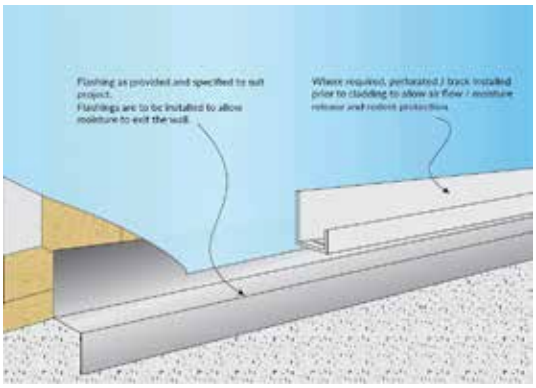
Please refer to Fixings and Coatings sections for further information

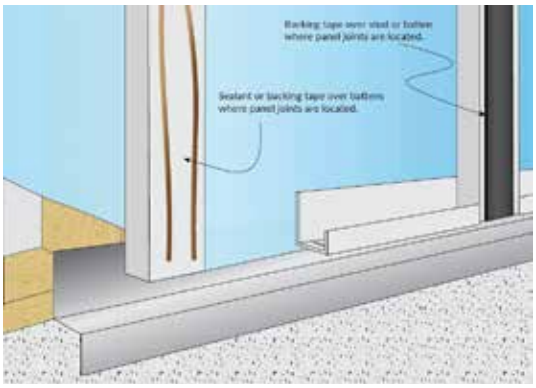
KEY POINTS

04.

1. ENSURE FRAME IS SQUARE AND INSTALLED AS PER NCC AND BUILDING SPECIFICATIONS.
2. INSTALL WALL WRAP AS PER AS STANDARDS AND MANUFACTURERS REQUIREMENTS
3. INSTALL FLASHINGS AND/OR J TRACKS (THIS MAYBE DONE PRIOR TO WALL WRAP) OVER OPENINGS, WINDOWS, STARTING POINTS.
4. INSTALL BATTENS (IF CAVITY SYSTEM) TO SUIT THE PANEL LAYOUT AND JOINTS
5. INSTALL/PREPARE FOR CORNERS
6. INSTALL BACKING TAPE OVER FRAME OR BATTENS (JOINT SEALANT CAN BE USED AS ALTERNATIVE ON BATTENS ONLY AND PRIOR TO INSTALLING PANELS)
7. INSTALL STONEWOOD® PANELS
8. INSTALL 3MM BEAD OF SEALANT IN JOINT PRIOR TO INSTALLING NEXT SHEET.
9. COMPLETE INSTALLATION OF SHEETS
10. 10: SEAL ANY EXPANSION JOINTS AND GAPS WITH SEALANT AND COVER ANY FIXINGS WITH APPROPRIATE PATCHING COMPOUND.
11. INSTALL CORNERS AND ANY FINISHING TRIMS
12. PREPARE AND APPLY FINISHING COAT AS PER MANUFACTURERS REQUIREMENTS.





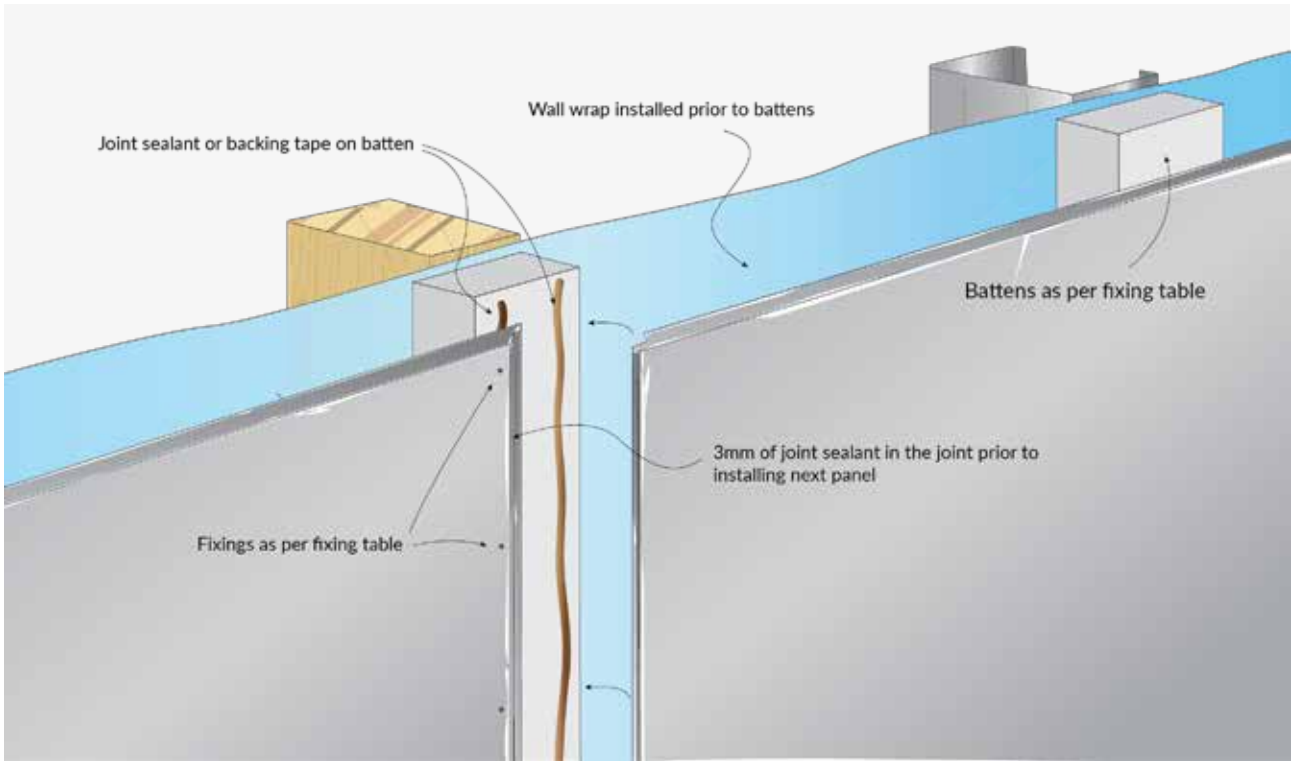


THESE ARE THE KEY STEPS TO ASSIST IN A STANDARD INSTALL, THIS DOES NOT COVER ALL ASPECTS OF THE BUILD AND IS NOT TO BE INTERPRETED AS THE INSTALL GUIDE.

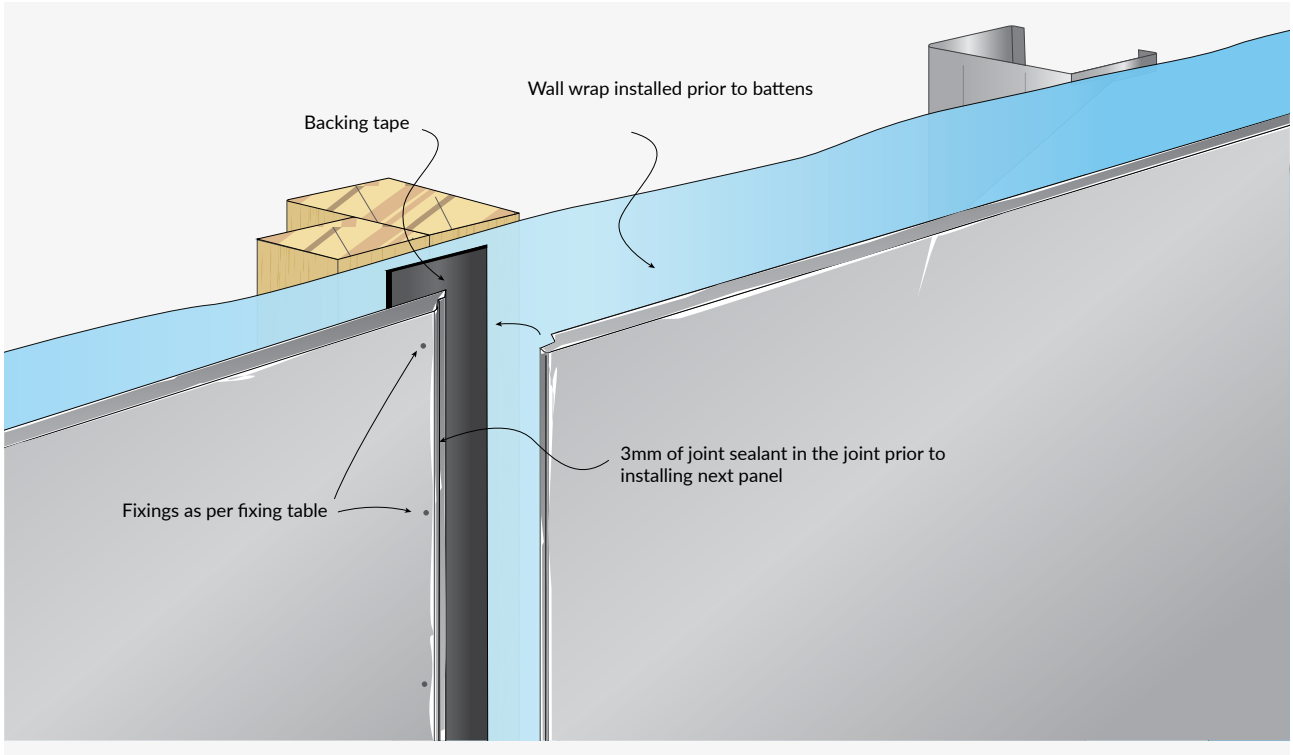
IT IS THE RESPONSIBILITY OF THE BUILDER TO ENSURE THEY HAVE READ AND UNDERSTOOD THE COMPLETE INSTALLATION PROCESS INCLUDED IN THIS GUIDE.

KEY POINTS 04.

CAVITY FIX



DIRECT FIX



FIXING TABLE DIRECT FIX

05.

Direct Fix Fixing details

FRAMES			PANEL FIXINGS NAILS		PANEL FIXINGS SCREWS	
WIND LOAD	STUD SPACING (MAX.)	FRAME TYPE	PANEL FIXING SPACING (GENERAL)	PANEL FIXING (MINIMUM)	PANEL FIXING SPACING (GENERAL)	PANEL FIXING (MINIMUM)
N1, N2, N3	600MM	TIMBER	200MM	14GX38MM SS NAIL	300MM	8GX40MM TIMBER GALV SCREW
N4	450MM	TIMBER	200MM	14GX38MM SS NAIL	200MM	8GX40MM TIMBER GALV SCREW
N1, N2, N3	600MM	STEEL	-	-	300MM	8GX30MM SELF DRILLING GALV SCREW
N4	450MM	STEEL	-	-	200MM	8GX30MM SELF DRILLING GALV SCREW

FIXING TABLE
CAVITY - TIMBER FRAME

Cavity System Fixing details - TIMBER FRAME

FRAMES		BATTENS				PANEL FIXINGS NAILS		PANEL FIXINGS SCREWS	
WIND LOAD	STUD SPACING (MAX.)	BATTEN (MINIMUM SIZE)	BATTEN	BATTEN FIXING SPACING	BATTEN FIXING (MINIMUM)	PANEL FIXING SPACING	PANEL FIXING (MINIMUM)	PANEL FIXING SPACING	PANEL FIXING (MINIMUM)
N1, N2, N3	600MM	42X19MM	ON STUD	800MM	2.8X50MM GALV NAIL	200MM	14GX38MM SS NAIL	300MM	8GX40MM TIMBER GALV SCREW
N4	450MM	42X19MM	ON STUD	800MM	2.8X50MM GALV NAIL	200MM	14GX38MM SS NAIL	200MM	8GX40MM TIMBER GALV SCREW
N1, N2, N3	600MM	70X19MM	ON STUD	800MM	2.8X50MM GALV NAIL	200MM	14GX38MM SS NAIL	300MM	8GX40MM TIMBER GALV SCREW
N4	450MM	70X19MM	ON STUD	800MM	2.8X50MM GALV NAIL	200MM	14GX38MM SS NAIL	200MM	8GX40MM TIMBER GALV SCREW
N1, N2, N3	600MM	70X19MM	OFF STUD	800MM	2 X 2.8X50MM GALV NAIL	200MM	16GX25MM SS NAIL**	300MM	8GX30MM TIMBER GALV SCREW**
N4	450MM	70X19MM	OFF STUD	-	-	-	-	-	-
N1, N2, N3	600MM	70X35MM MPG10	ON STUD	1350MM	2 X 2.8X75MM GALV NAIL	200MM	14GX38MM SS NAIL	300MM	8GX40MM TIMBER GALV SCREW
N4	450MM	70X35MM MPG10	ON STUD	800MM	2 X 2.8X75MM GALV NAIL	200MM	14GX38MM SS NAIL	200MM	8GX40MM TIMBER GALV SCREW
N1, N2, N3	600MM	70X35MM MPG10	OFF STUD	1350MM	2 X 2.8X75MM GALV NAIL	200MM	14GX38MM SS NAIL	300MM	8GX40MM TIMBER GALV SCREW
N4	450MM	70X35MM MPG10	OFF STUD	800MM	2 X 2.8X75MM GALV NAIL	200MM	14GX38MM SS NAIL	200MM	8GX40MM TIMBER GALV SCREW
N1, N2, N3	600MM	STEEL TOP HAT 35MM	ON STUD	1350MM	2 X 12X25MM SELF DRILLING GALV SCREW	-	-	300MM	8GX30MM SELF DRILLING GALV SCREW
N4	450MM	STEEL TOP HAT 35MM	ON STUD	800MM	2 X 12X25MM SELF DRILLING GALV SCREW	-	-	200MM	8GX30MM SELF DRILLING GALV SCREW
N1, N2, N3	600MM	STEEL TOP HAT 35MM	OFF STUD	1350MM	2 X 12X25MM SELF DRILLING GALV SCREW	-	-	300MM	8GX30MM SELF DRILLING GALV SCREW
N4	450MM	STEEL TOP HAT 35MM	OFF STUD	800MM	2 X 12X25MM SELF DRILLING GALV SCREW	-	-	200MM	8GX30MM SELF DRILLING GALV SCREW

Battens can be thicker than the minimum, however longer fixings will be required. Batten fixings are to embed timber frame by 30mm min.

** A bead of polyurethane sealant is to be placed on all battens prior to attaching Stonewood® cladding.

FIXING TABLE
CAVITY - STEEL FRAME

Cavity System Fixing details - STEEL FRAME

FRAMES		BATTENS				PANEL FIXINGS NAILS		PANEL FIXINGS SCREWS	
WIND LOAD	STUD SPACING (MAX.)	BATTEN (MINIMUM SIZE)	BATTEN	BATTEN FIXING SPACING	BATTEN FIXING (MINIMUM)	PANEL FIXING SPACING (GENERAL)	PANEL FIXING (MINIMUM)	PANEL FIXING SPACING (GENERAL)	PANEL FIXING (MINIMUM)
N1, N2, N3	600MM	42X19MM	ON STUD	800MM	8GX40MM SELF DRILLING GALV SCREW	-	-	300MM	8GX30MM SELF DRILLING GALV SCREW
N4	450MM	42X19MM	ON STUD	800MM	8GX40MM SELF DRILLING GALV SCREW	-	-	200MM	8GX30MM SELF DRILLING GALV SCREW
N1, N2, N3	600MM	70X19MM	ON STUD	800MM	2 X 8GX40MM SELF DRILLING GALV SCREW	-	-	300MM	8GX30MM SELF DRILLING GALV SCREW
N4	450MM	70X19MM	ON STUD	800MM	2 X 8GX40MM SELF DRILLING GALV SCREW	-	-	200MM	8GX30MM SELF DRILLING GALV SCREW
N1, N2, N3	600MM	70X19MM	OFF STUD	800MM	2 X 8GX40MM SELF DRILLING GALV SCREW	-	-	300MM	8GX30MM TIMBER GALV SCREW**
N4	450MM	70X19MM	OFF STUD	-	-	-	-	-	-
N1, N2, N3	600MM	70X35MM MPG10	ON STUD	1350MM	2 X 8GX65MM SELF DRILLING GALV SCREW	200MM	14GX38MM SS NAIL	300MM	8GX40MM TIMBER GALV SCREW
N4	450MM	70X35MM MPG10	ON STUD	800MM	2 X 8GX65MM SELF DRILLING GALV SCREW	200MM	14GX38MM SS NAIL	200MM	8GX40MM TIMBER GALV SCREW
N1, N2, N3	600MM	70X35MM MPG10	OFF STUD	1350MM	2 X 8GX65MM SELF DRILLING GALV SCREW	200MM	14GX38MM SS NAIL	300MM	8GX40MM TIMBER GALV SCREW
N4	450MM	70X35MM MPG10	OFF STUD	800MM	2 X 8GX65MM SELF DRILLING GALV SCREW	200MM	14GX38MM SS NAIL	200MM	8GX40MM TIMBER GALV SCREW
N1, N2, N3	600MM	STEEL TOP HAT 35MM	ON STUD	1350MM	2 X 12X25MM SELF DRILLING GALV SCREW	-	-	300MM	8GX30MM SELF DRILLING GALV SCREW
N4	450MM	STEEL TOP HAT 35MM	ON STUD	800MM	2 X 12X25MM SELF DRILLING GALV SCREW	-	-	200MM	8GX30MM SELF DRILLING GALV SCREW
N1, N2, N3	600MM	STEEL TOP HAT 35MM	OFF STUD	1350MM	2 X 12X25MM SELF DRILLING GALV SCREW	-	-	300MM	8GX30MM SELF DRILLING GALV SCREW
N4	450MM	STEEL TOP HAT 35MM	OFF STUD	800MM	2 X 12X25MM SELF DRILLING GALV SCREW	-	-	200MM	8GX30MM SELF DRILLING GALV SCREW

Battens can be thicker than the minimum, however longer fixings will be required. Batten fixings are to embed timber frame by 30mm min.

** A bead of polyurethane sealant is to be placed on all battens prior to attaching Stonewood® cladding.

HANDLING & STORAGE 08.

Cutting, Drilling and Sanding
When cutting, drilling or sanding Stonewood® sheets, it is important that all safety precautions are taken. Correct protective clothing, breathing, hearing and safety glasses should be used.

It is not recommended to cut Stonewood® panels in confined spaces, and dust management should be implemented, such as dust extractors or vacuums.

Due to Stonewood unique properties. All Stonewood® products can be cut, drilled, screwed and nailed using standard wood working tools including standard wood cutting blades.

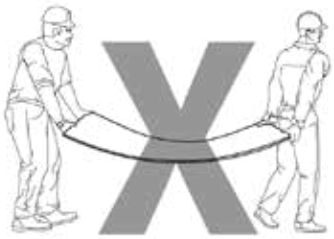
Cut panel edges are to be primed / sealed prior to installation, and the final coating to be applied to all cut exposed edges.

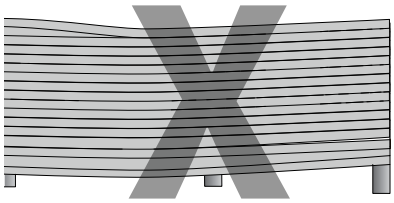
Stonewood® has been tested to have less than 1% of crystalline silica by a NATA accredited laboratory in the finished product. However all standard safety precautions should be taken while using any Stonewood® products.

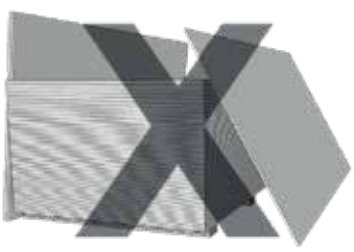
Storage
It is important that Stonewood® panels are stored flat on a level surface and covered to kept out water, moisture and extreme weather.
Stonewood® panels are to be stored and installed in a dry state. Wet installed product may result in movement and void any product warranty.
Stonewood® panels should be stored to ensure corners and edges are protected from damage.

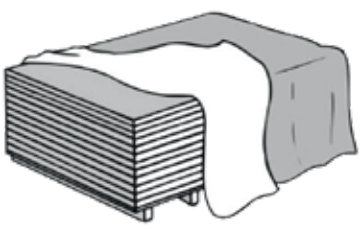
Maintenance
It is recommended to wash the walls every 6-12 months or as per the coating manufacturer requirements to remove any contaminants.
Periodically check the fastener, coatings, seals and flashings.
Ensure that areas of moisture, such as rain pipes, gutters or overflows are in good condition and clear from blockages and not providing additional moisture to the cladding.
Ensure no vegetation or rubbing against the panels causing damage to the coating or panels.
Any noticed damages should be repaired, replaced or rectified as new works.

Technical Safety Data Sheet
The technical Safety Data Sheet (TDS) can be downloaded from the CBMA website or by contacting CBMA directly.









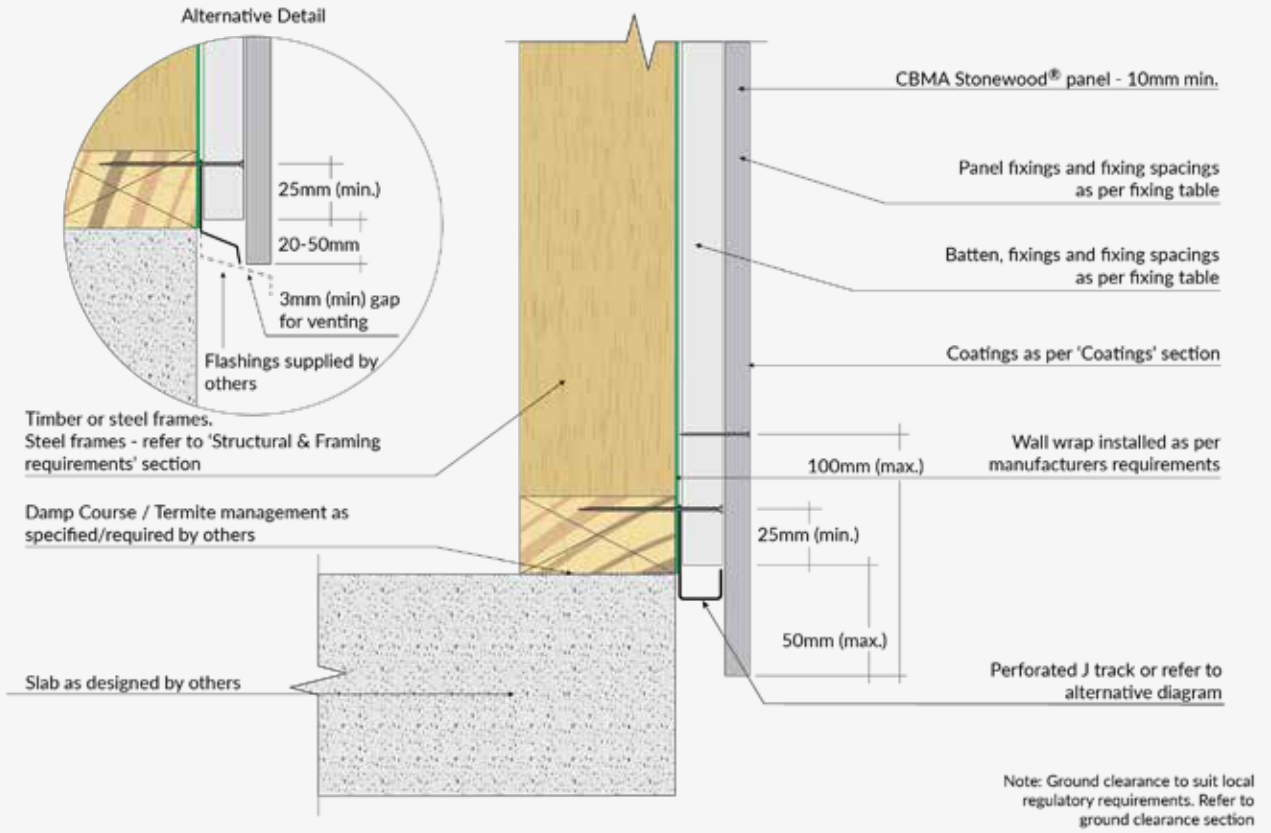
NOTES

Technical Drawings

09.

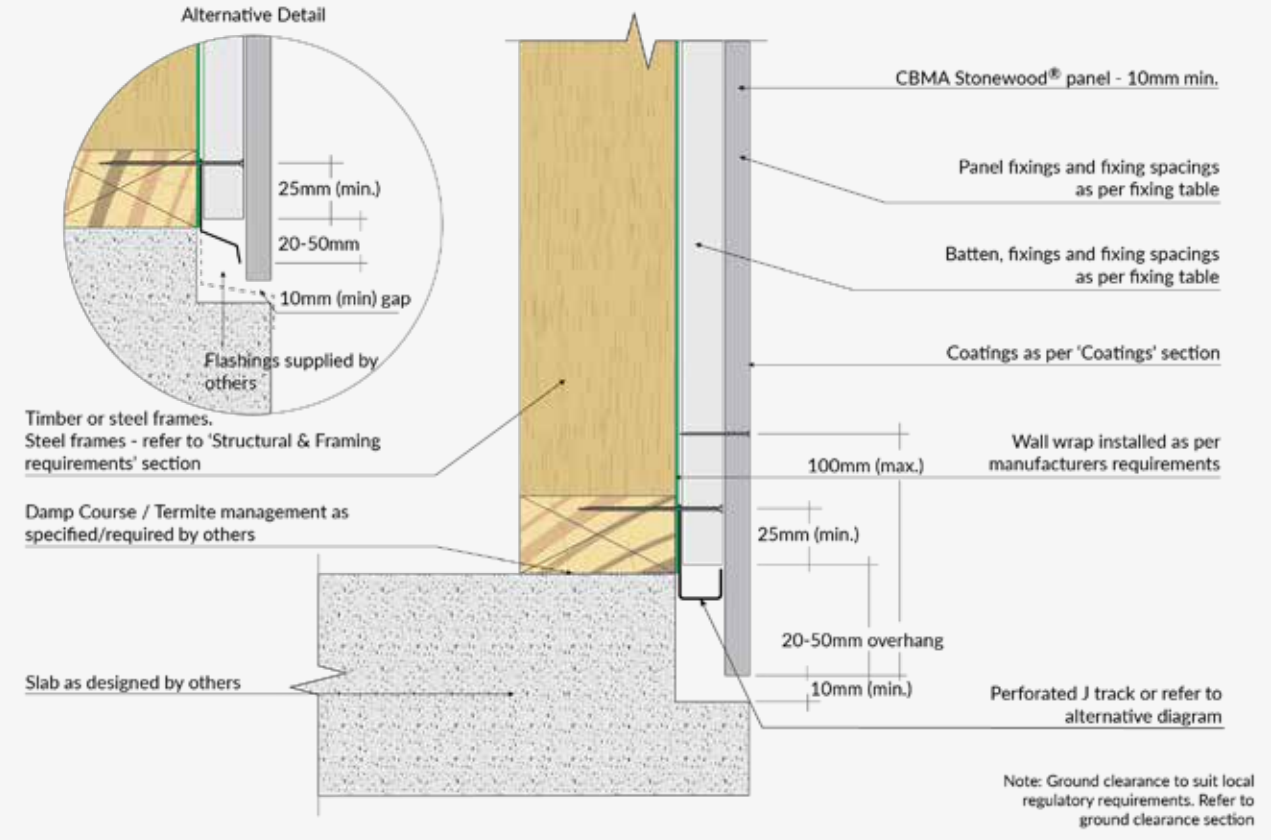
CAVITY FIX

CAVITY FIX



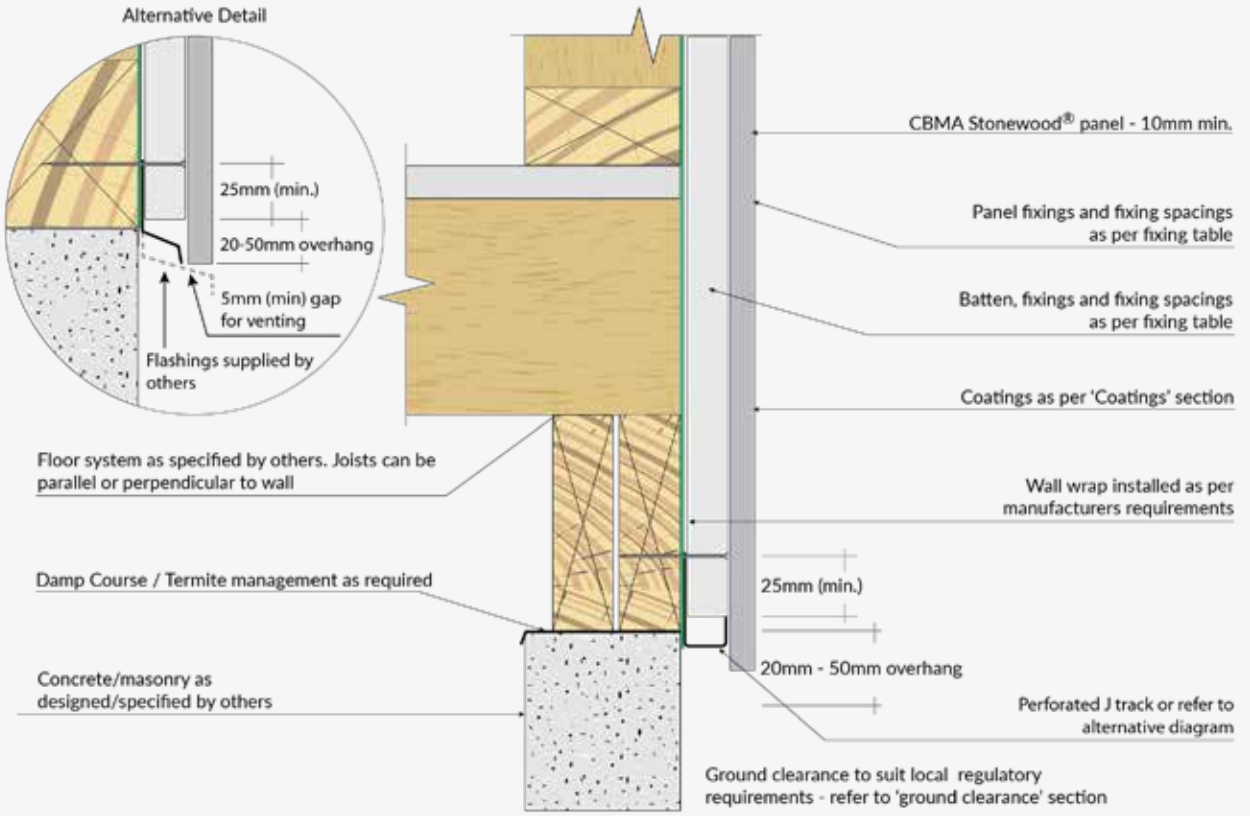
STONEWOOD® CAVITY FIX - TYPICAL SLAB DETAIL
DIAGRAM 1

CAVITY FIX



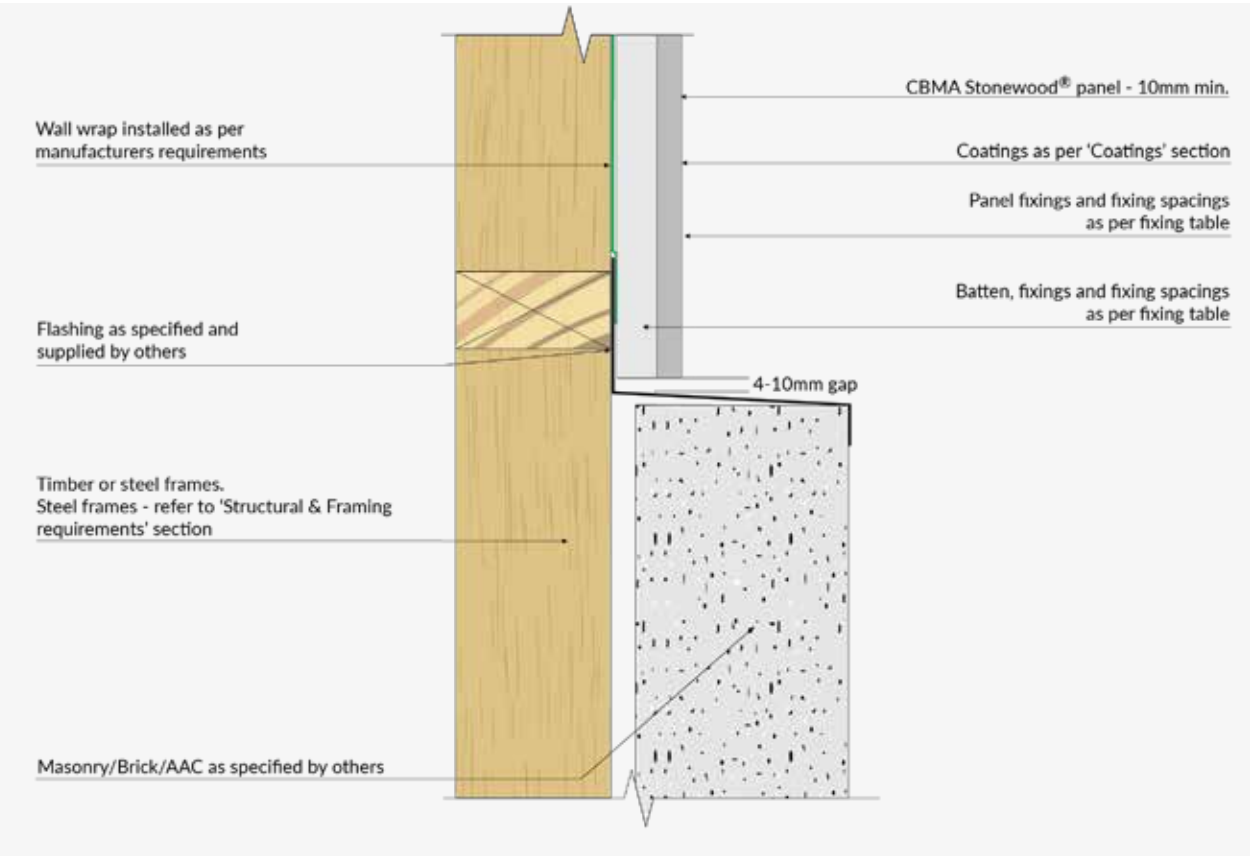
STONEWOOD® CAVITY FIX - TYPICAL REBATE SLAB DETAIL
DIAGRAM 2

CAVITY FIX



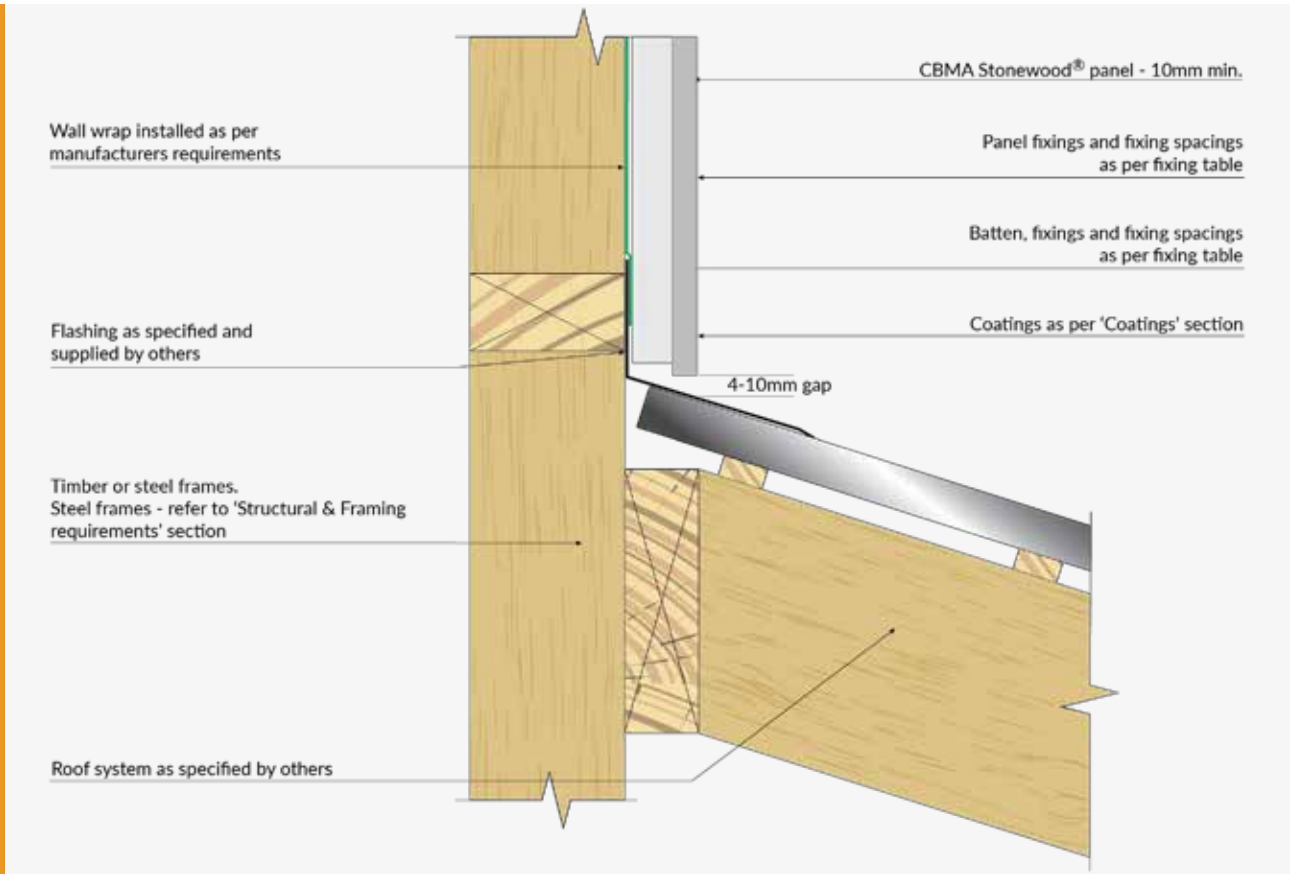
STONEWOOD® CAVITY FIX - TYPICAL SUBFLOOR / WALL DETAIL
DIAGRAM 3

CAVITY FIX



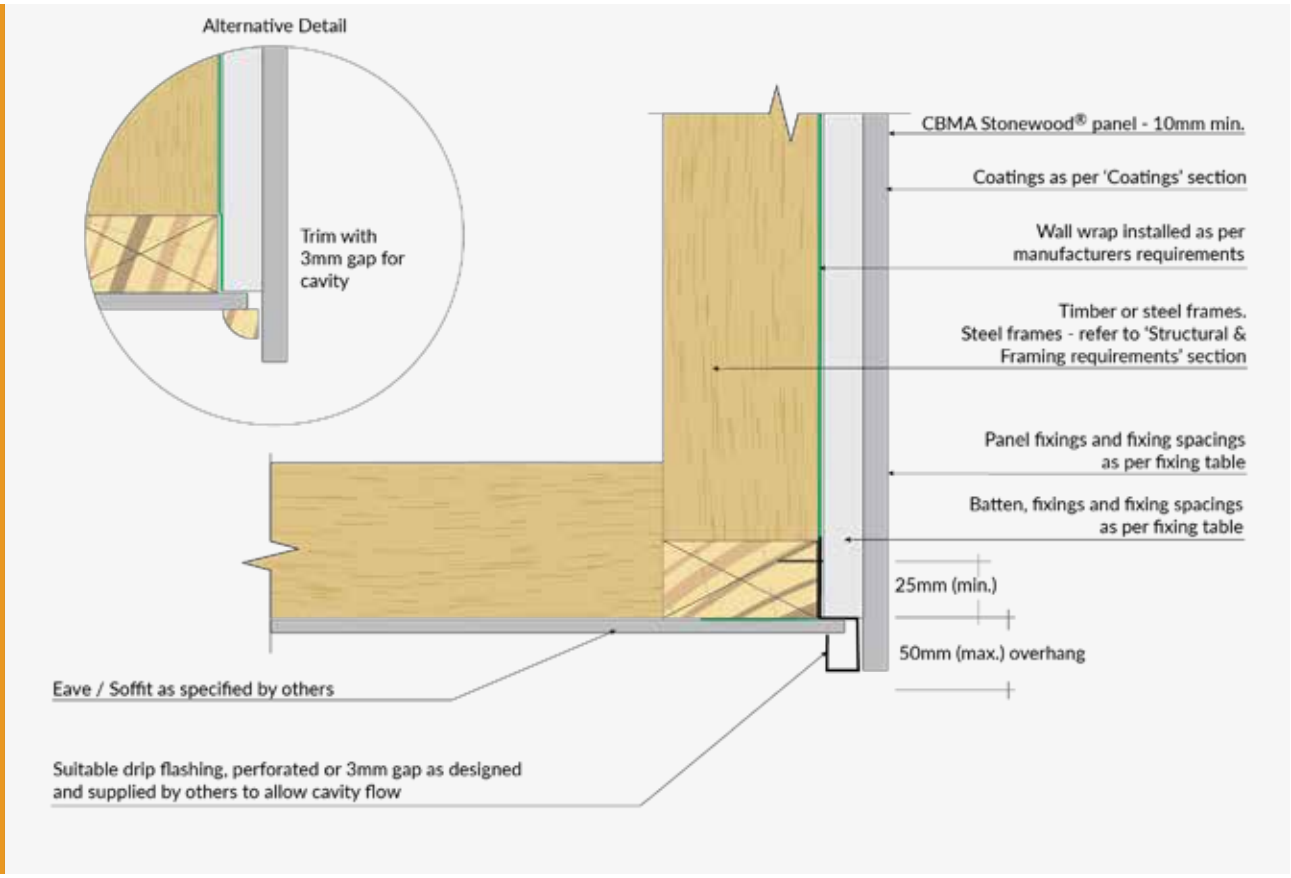
STONEWOOD® CAVITY FIX - TYPICAL MASONRY JUNCTION DETAIL
DIAGRAM 4

CAVITY FIX



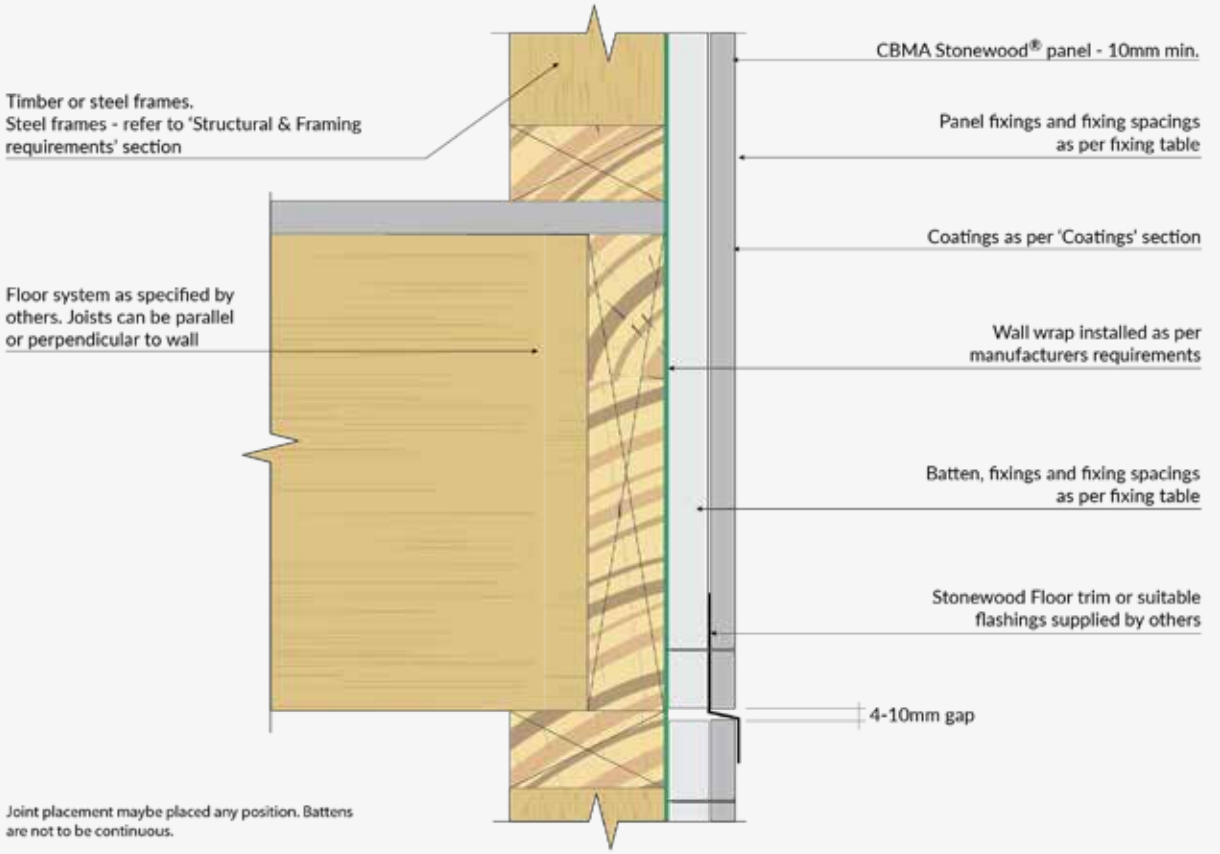
STONEWOOD® CAVITY FIX - TYPICAL ROOF JUNCTION DETAIL
DIAGRAM 5

CAVITY FIX



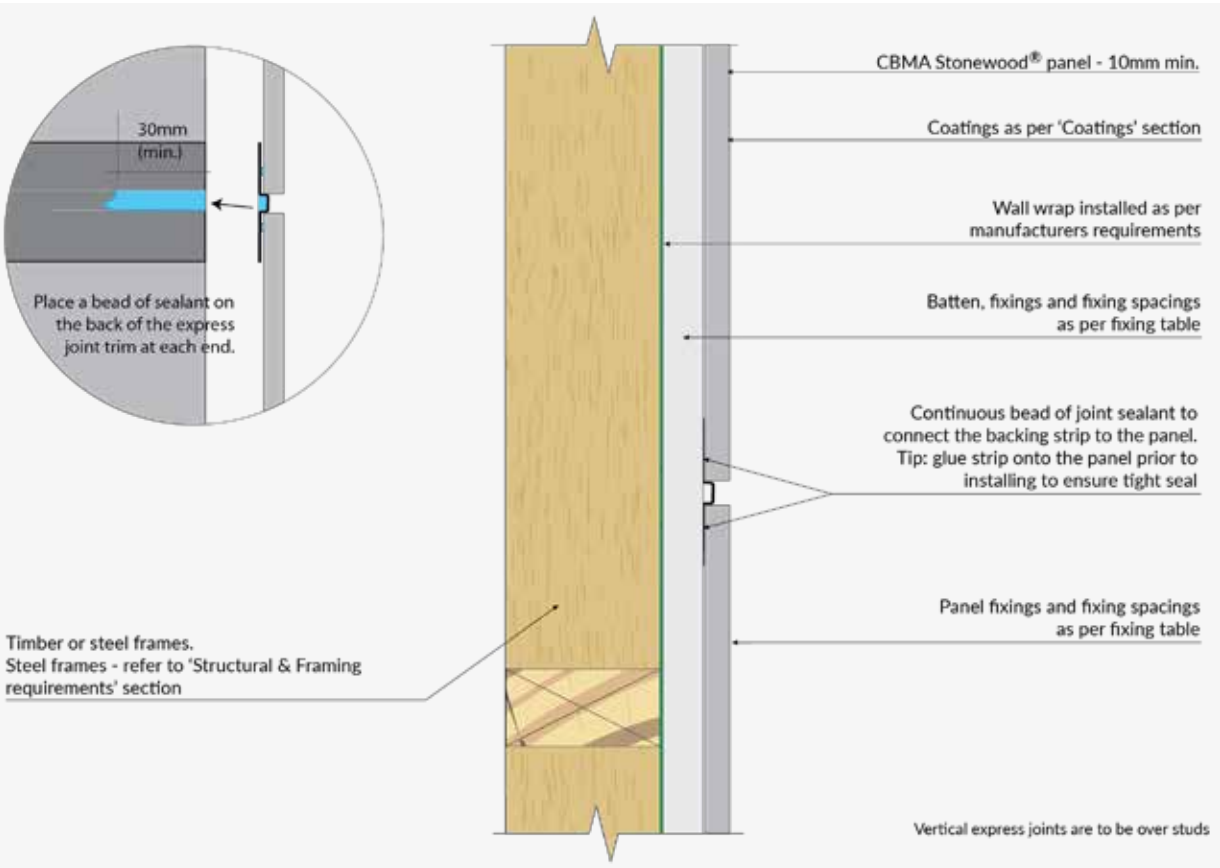
STONEWOOD® CAVITY FIX - TYPICAL EAVE / SOFFIT DETAIL
DIAGRAM 6

CAVITY FIX



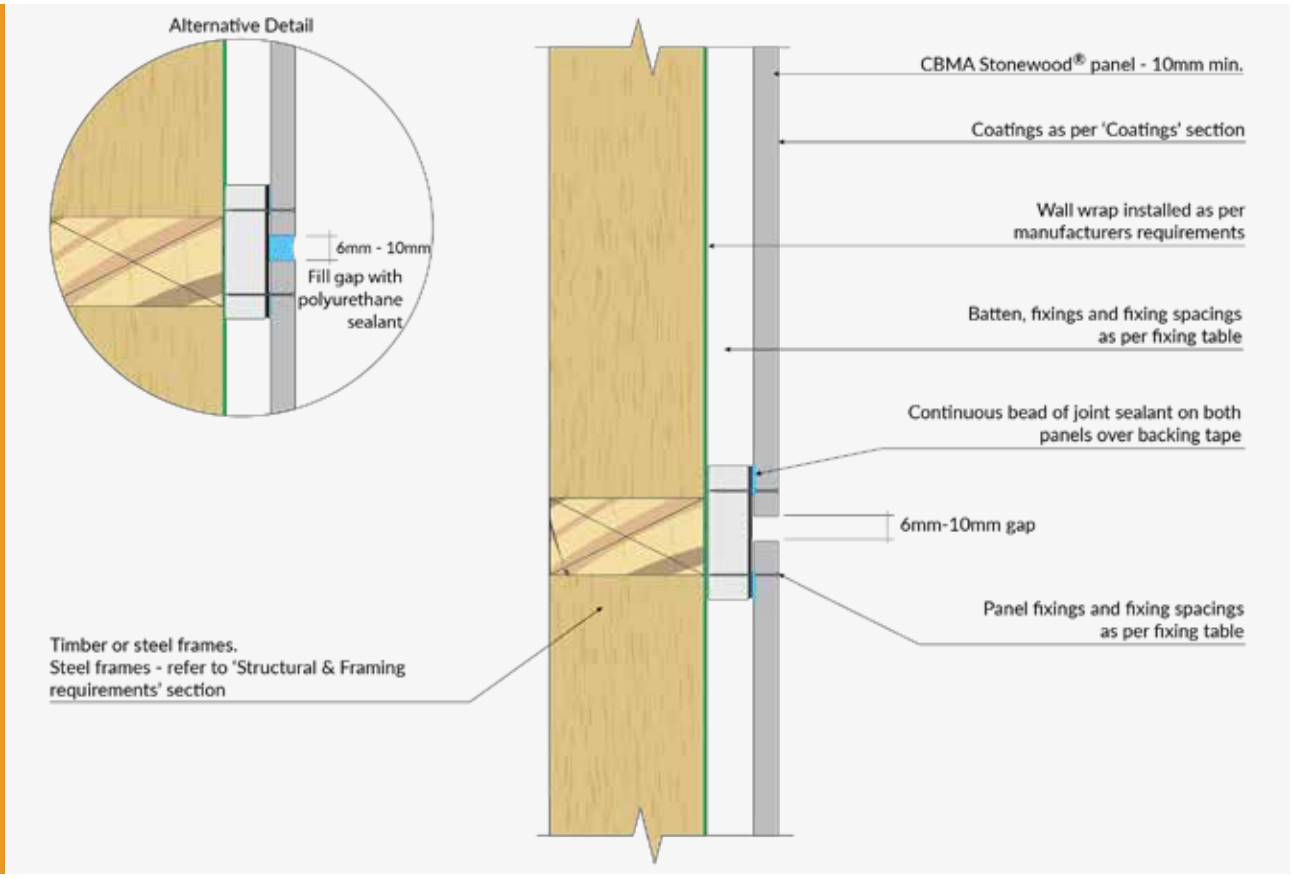
STONEWOOD® CAVITY FIX - TYPICAL FLOOR JUNCTION DETAIL
DIAGRAM 7

CAVITY FIX



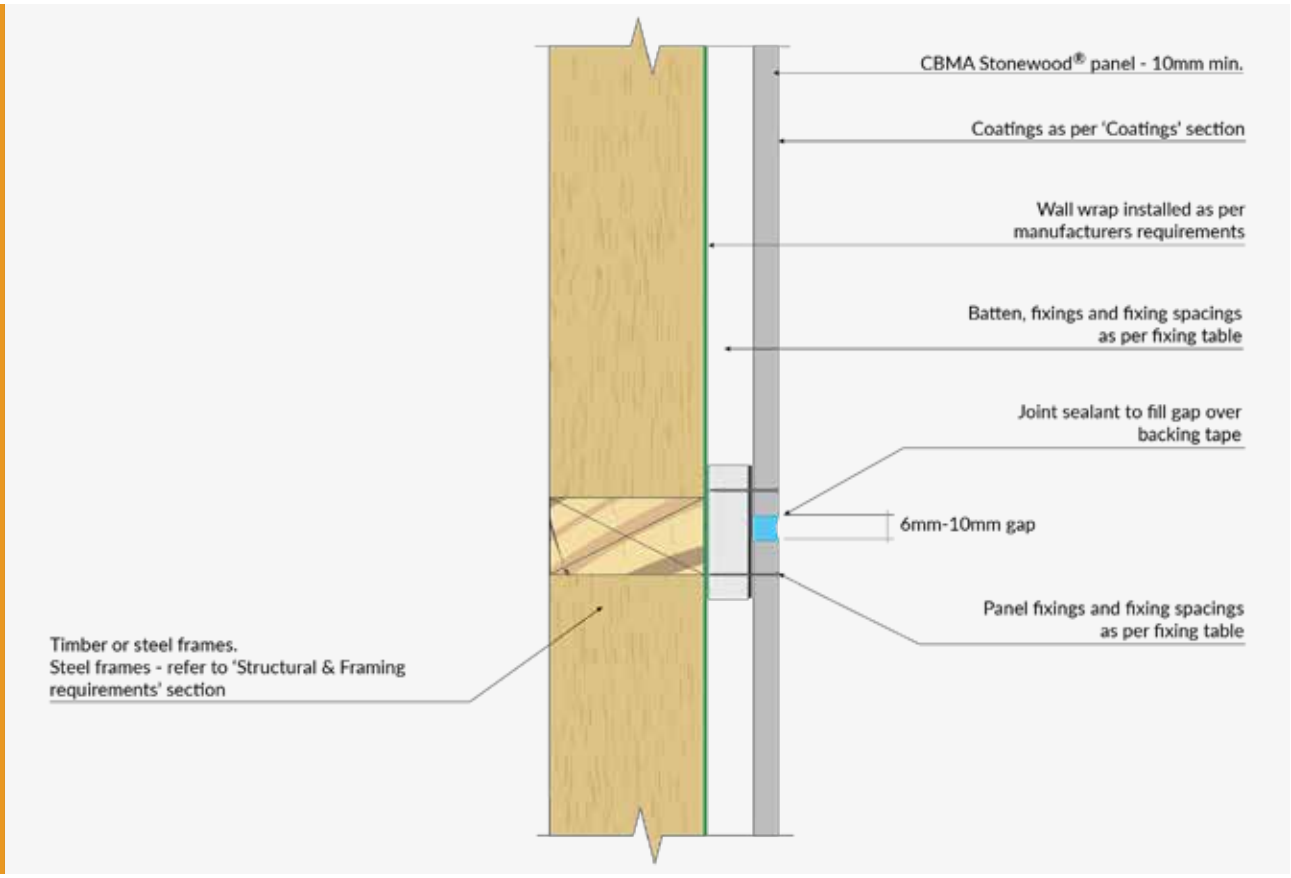
STONEWOOD® CAVITY FIX - TYPICAL EXPRESS TRIM JOINT DETAIL
DIAGRAM 8

CAVITY FIX



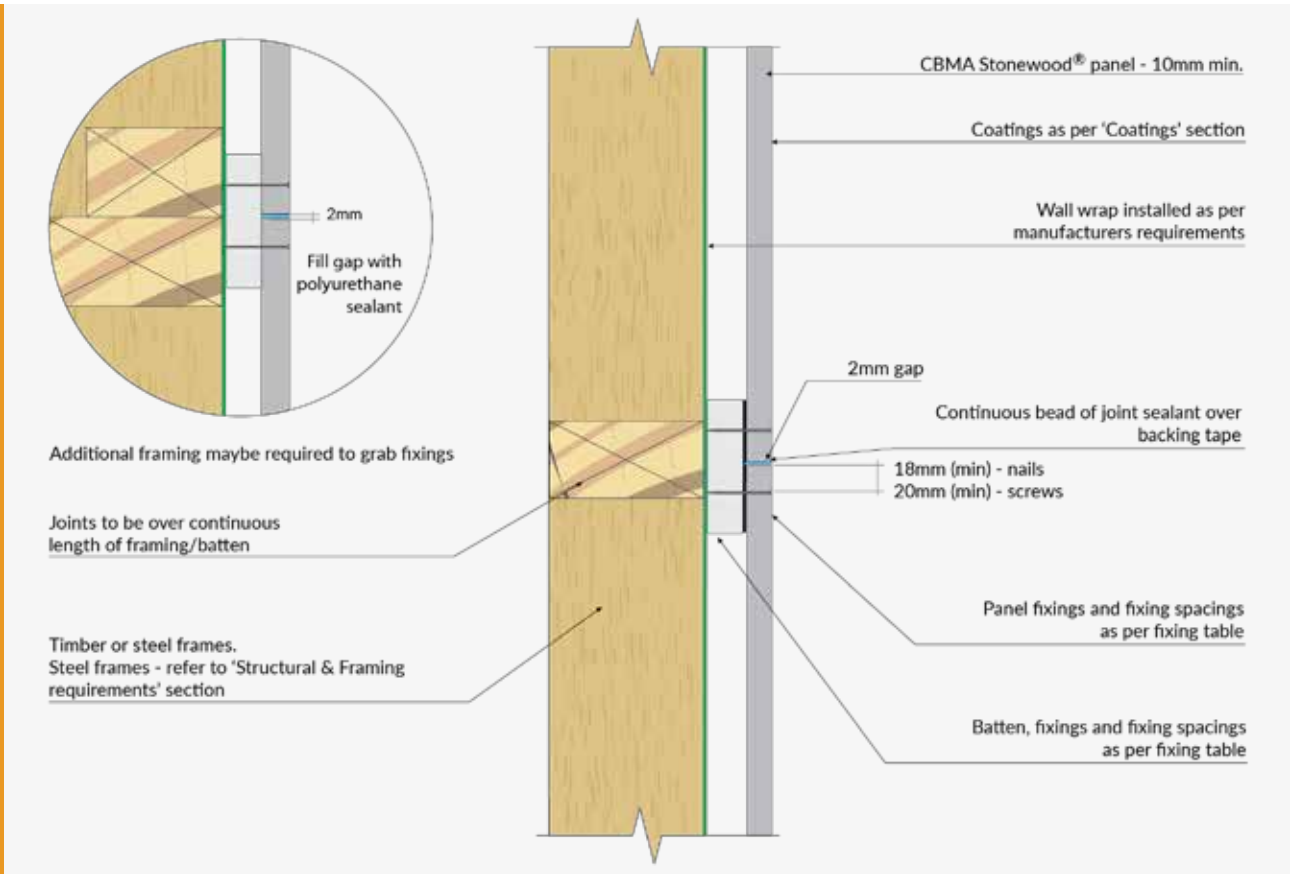
STONEWOOD® CAVITY FIX - TYPICAL VERTICAL EXPRESS JOINT DETAIL
DIAGRAM 9

CAVITY FIX



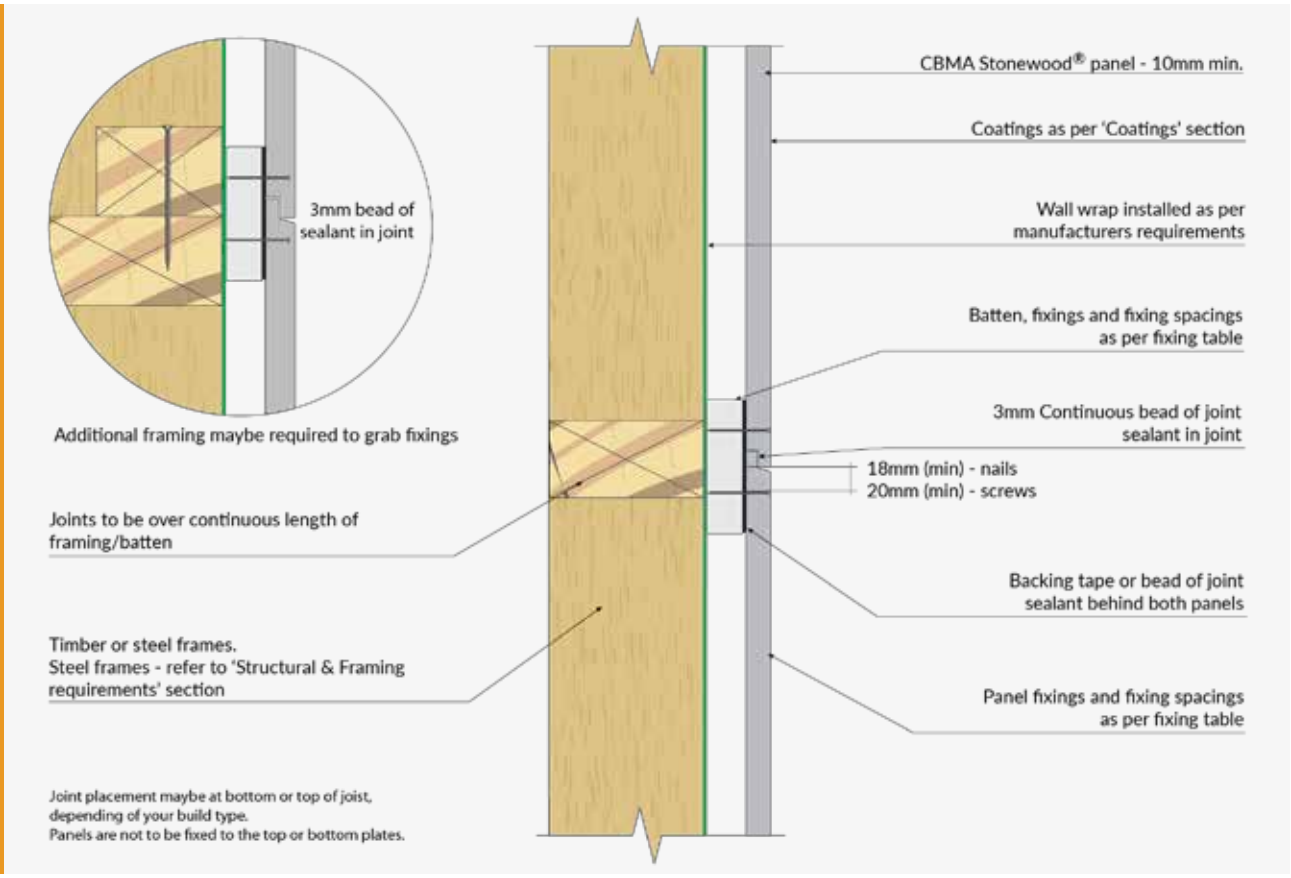
STONEWOOD® CAVITY FIX - TYPICAL EXPANSION JOINT DETAIL
DIAGRAM 10

CAVITY FIX



STONEWOOD® CAVITY FIX - TYPICAL BUTT JOINT DETAIL
DIAGRAM 11

CAVITY FIX

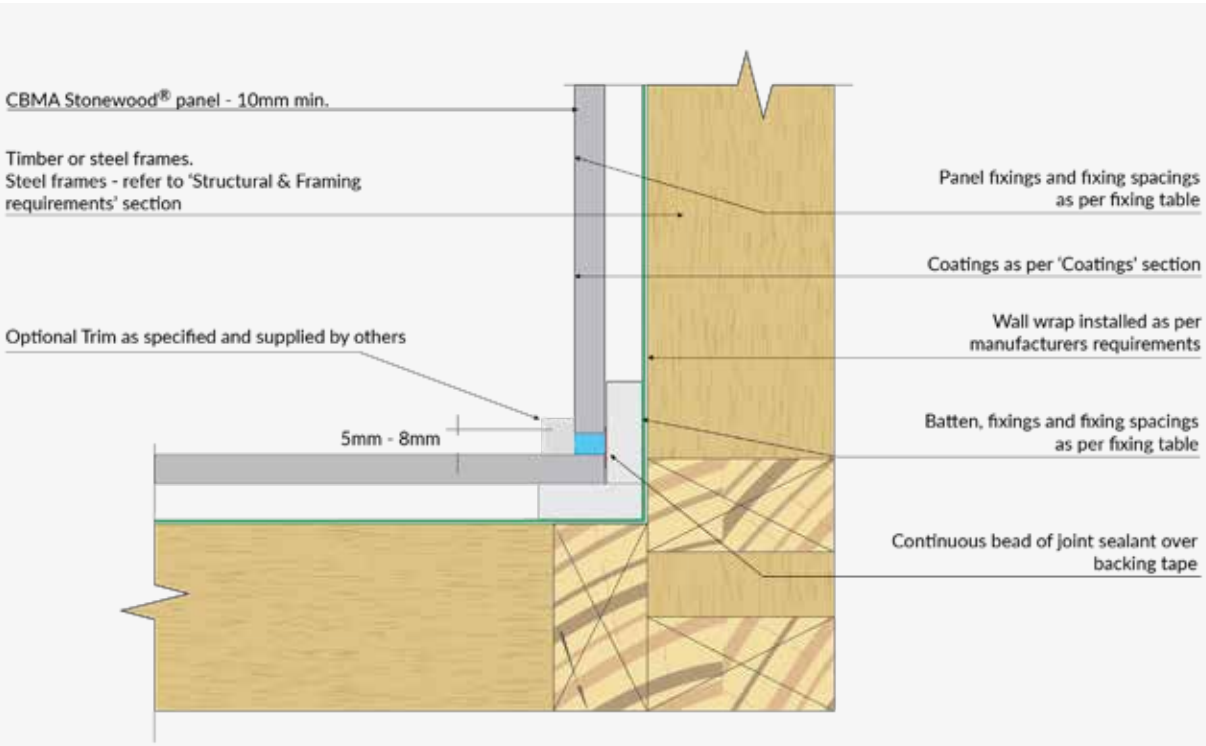


STONEWOOD® CAVITY FIX - TYPICAL SHIPLAP JOINT DETAIL
DIAGRAM 12

CAVITY FIX

STONEWOOD® CAVITY FIX - TYPICAL EXTERNAL CORNER DETAIL
DIAGRAM 13

CAVITY FIX

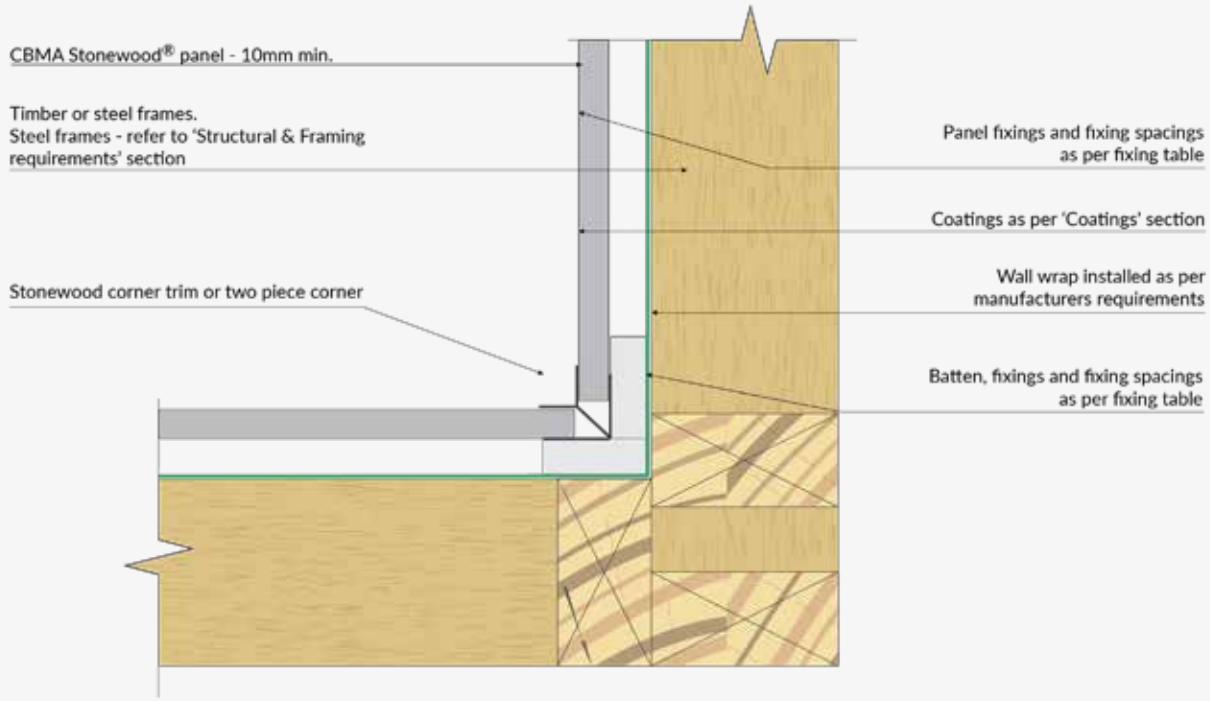


STONEWOOD® CAVITY FIX - TYPICAL INTERNAL CORNER DETAIL
DIAGRAM 14

CAVITY FIX

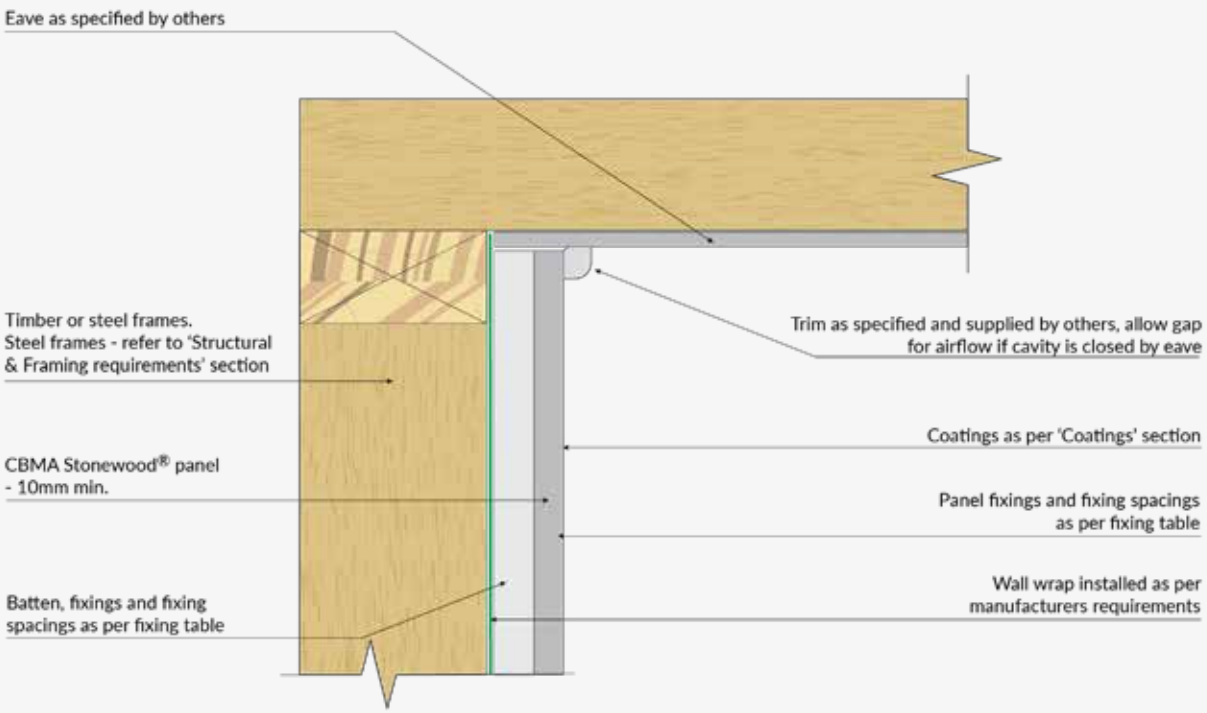
STONEWOOD® CAVITY FIX - TYPICAL EXTERNAL ALUMINIUM CORNER DETAIL
DIAGRAM 15

CAVITY FIX



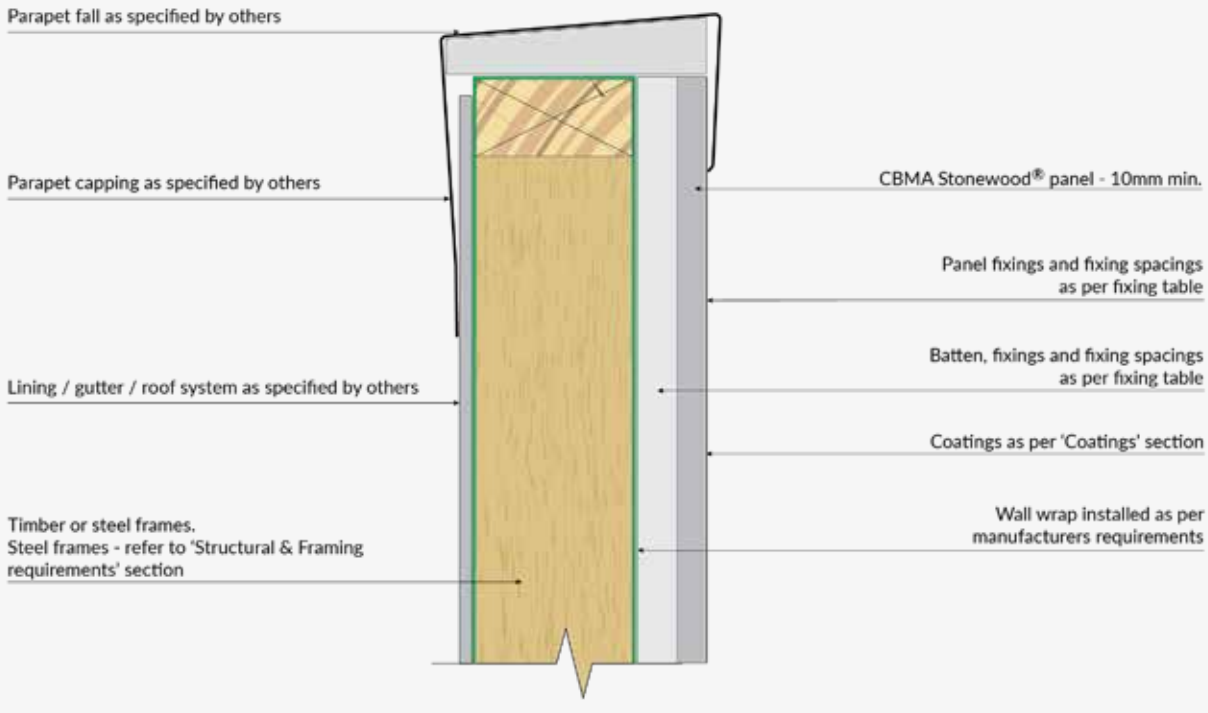
STONEWOOD® CAVITY FIX - TYPICAL INTERNAL ALUMINIUM CORNER DETAIL
DIAGRAM 16

CAVITY FIX

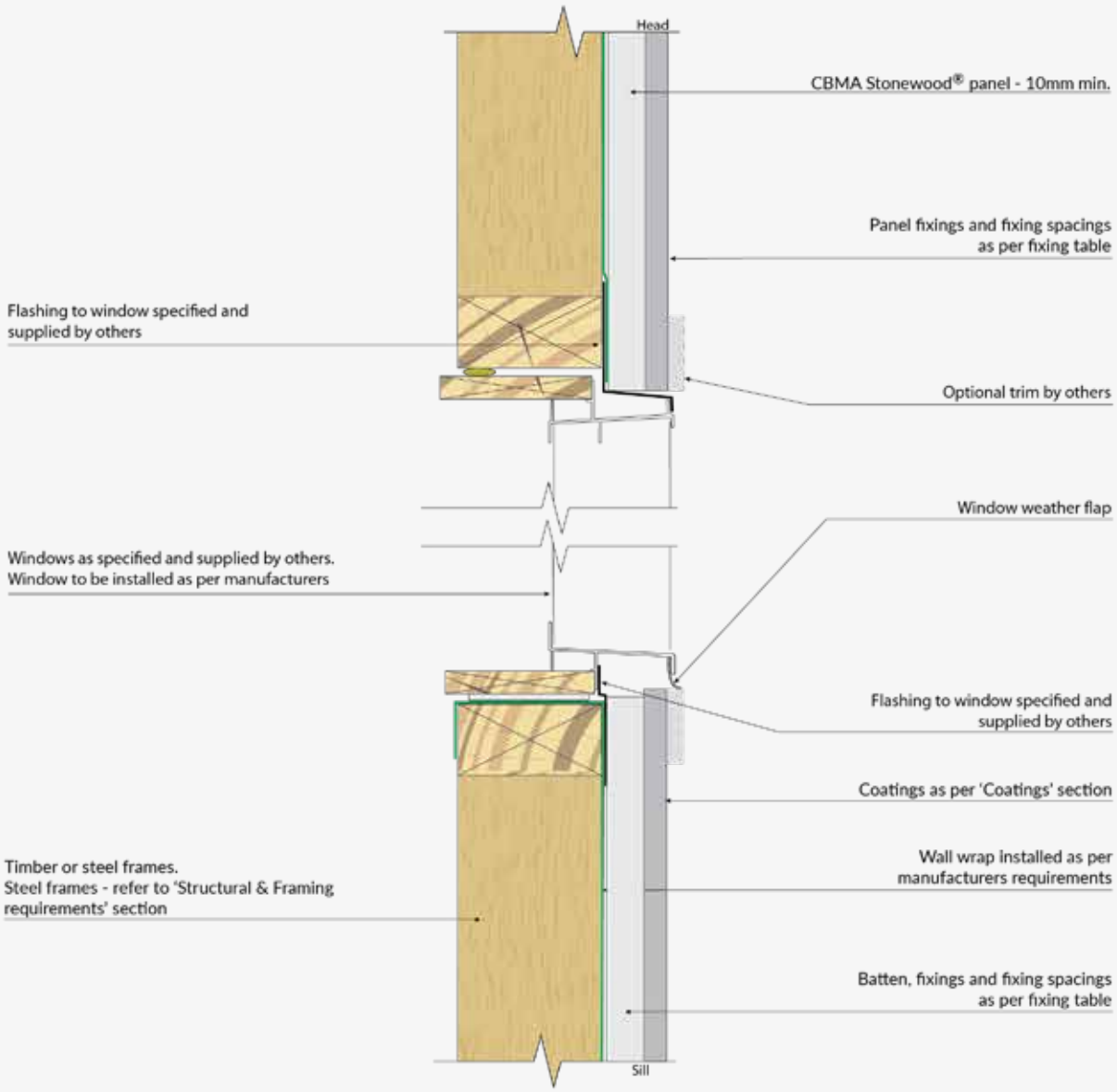


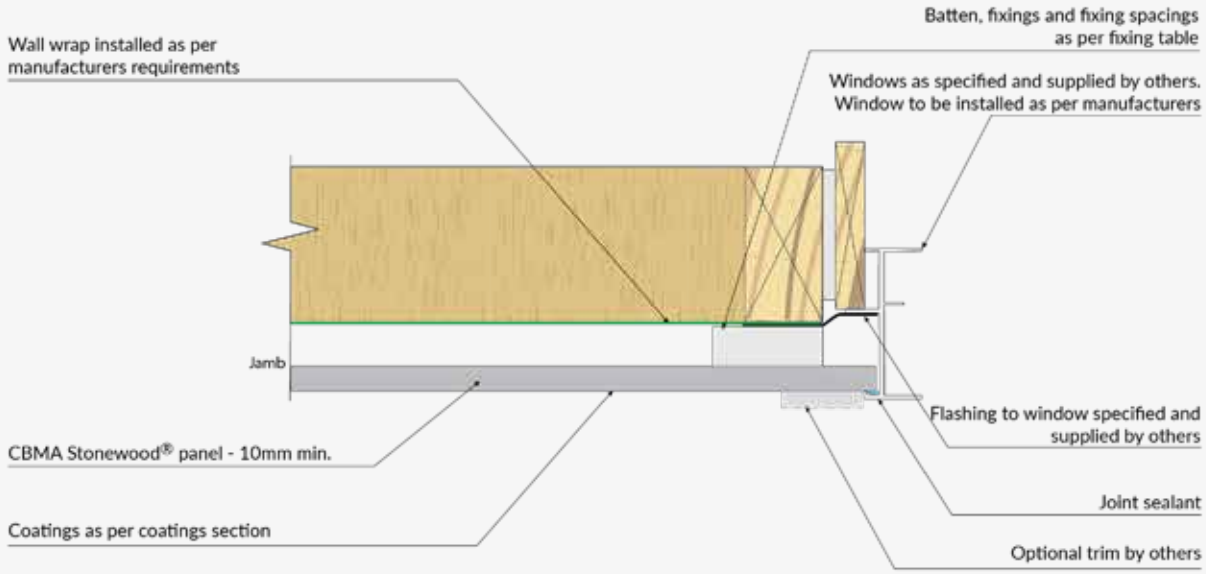
STONEWOOD® CAVITY FIX - TYPICAL SOFFIT/EAVE JUNCTION DETAIL
DIAGRAM 17

CAVITY FIX

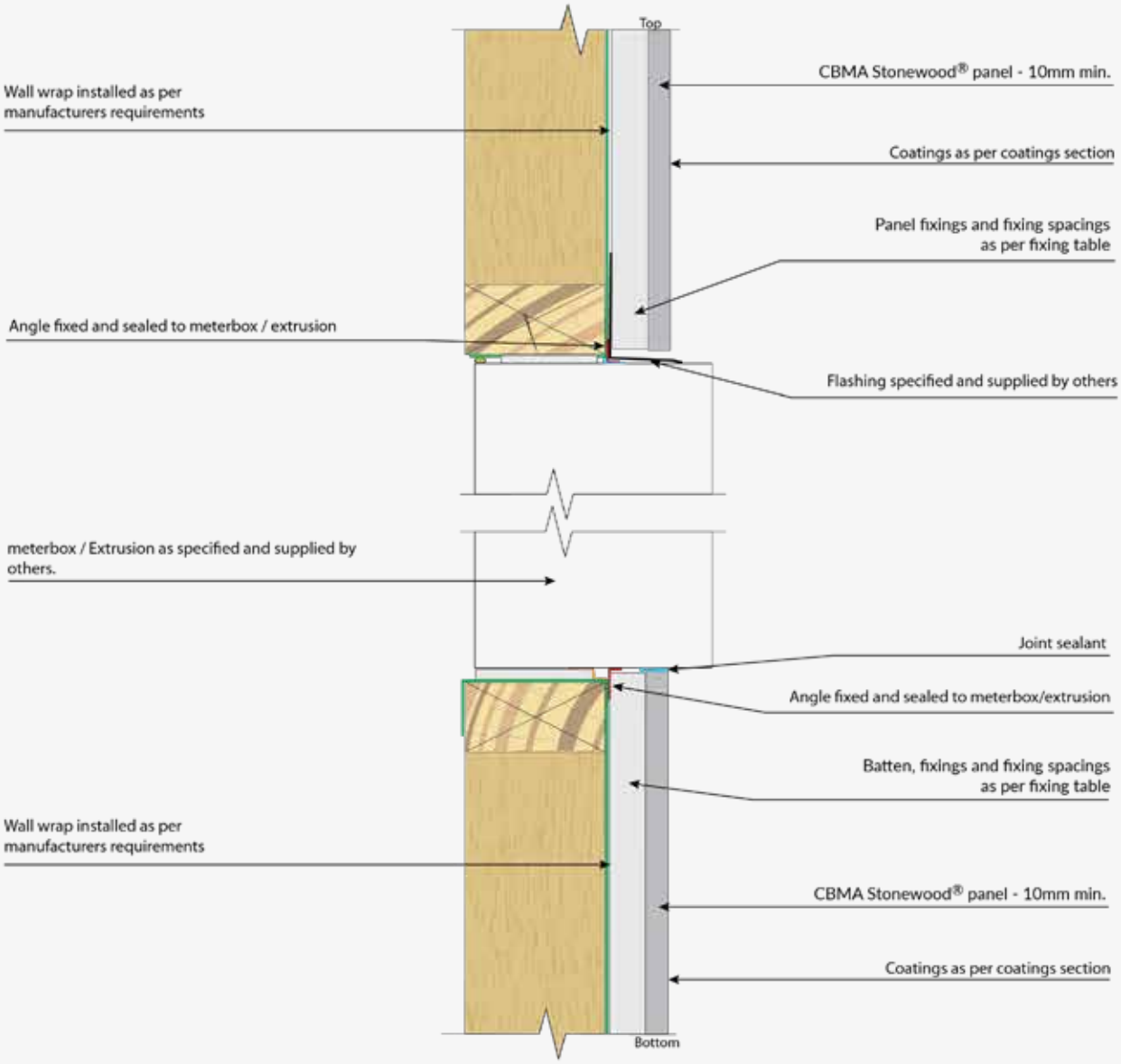


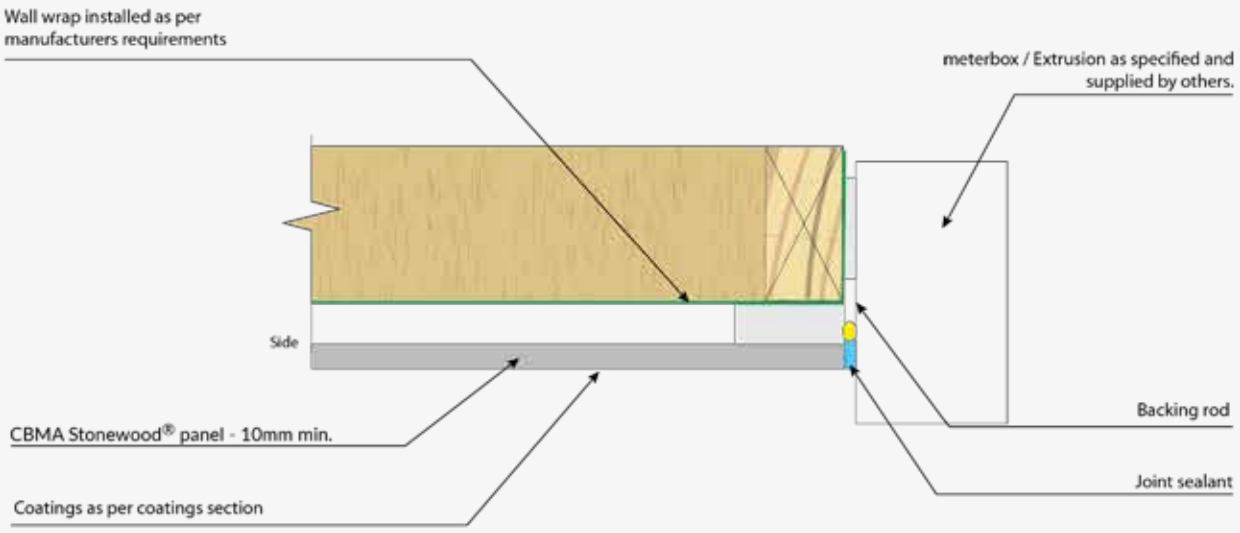
STONEWOOD® CAVITY FIX - TYPICAL PARAPET DETAIL
DIAGRAM 18





STONEWOOD® CAVITY FIX - TYPICAL WINDOW DETAIL
DIAGRAM 19





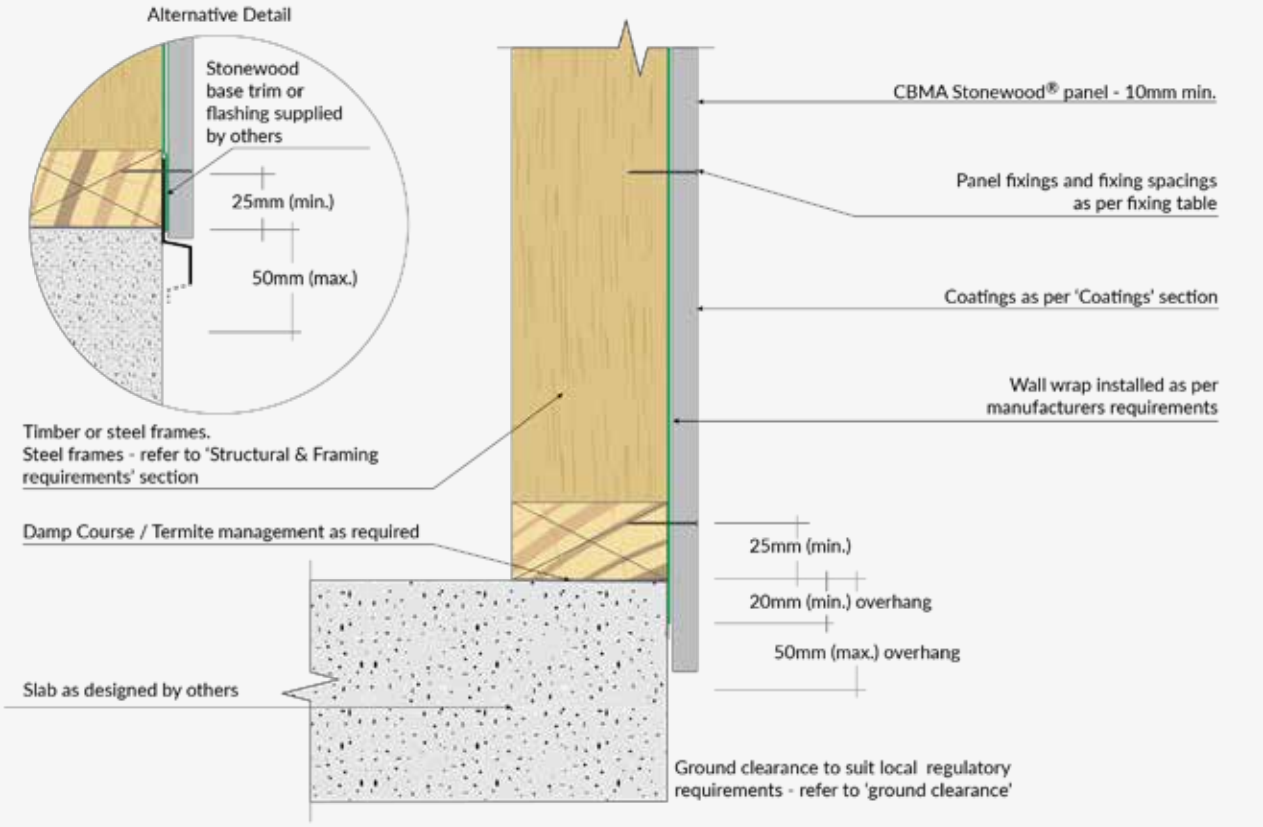
STONEWOOD® CAVITY FIX - TYPICAL EXTRUSION DETAIL
DIAGRAM 20

Technical Drawings

10.

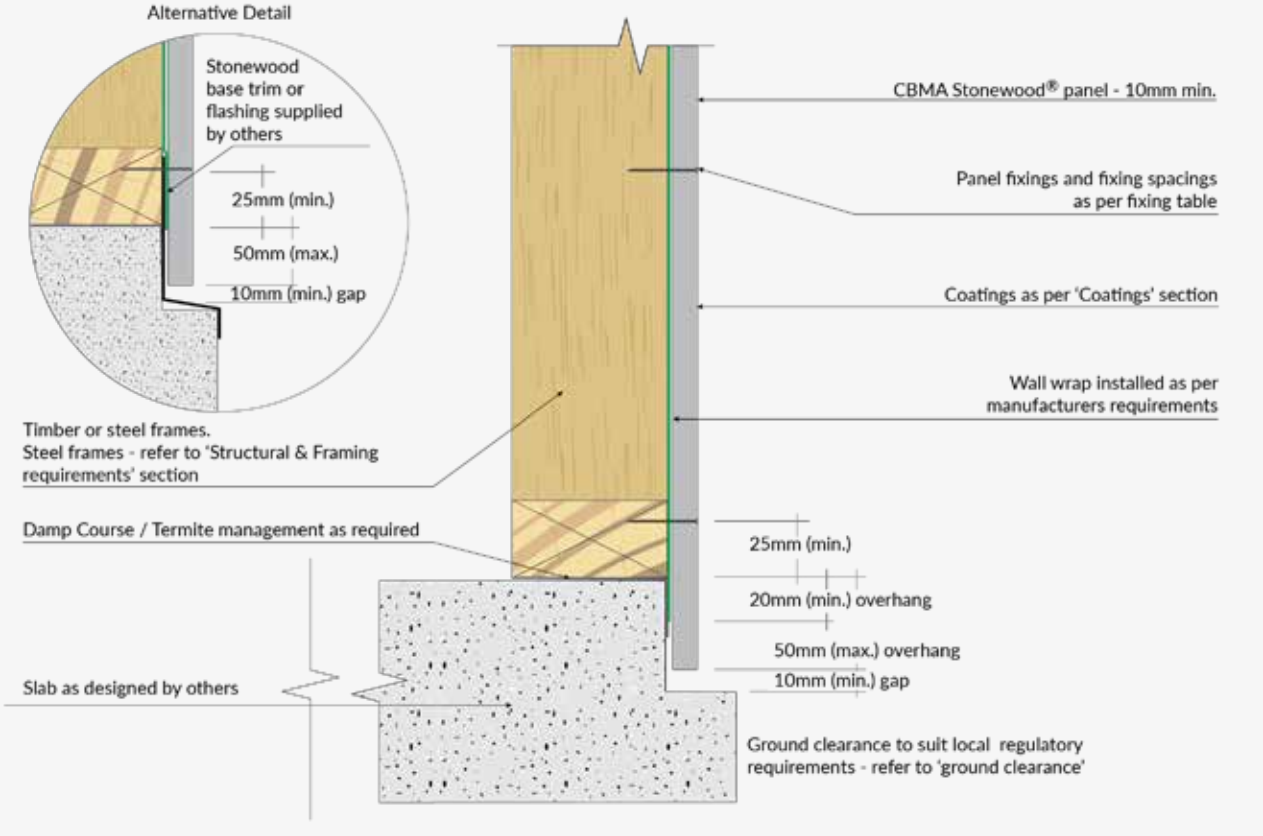
DIRECT FIX

DIRECT FIX



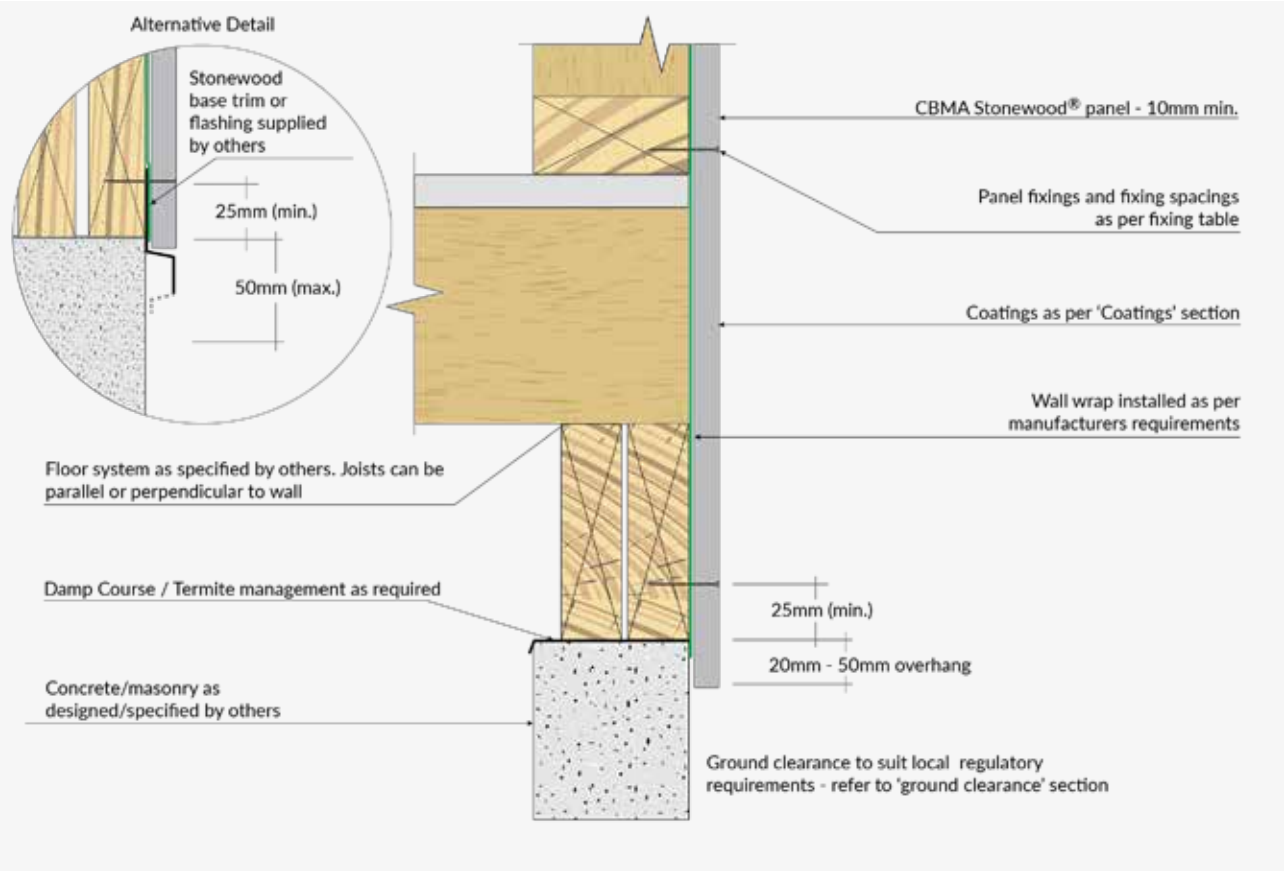
STONEWOOD® DIRECT FIX - TYPICAL SLAB DETAIL
DIAGRAM 21

DIRECT FIX



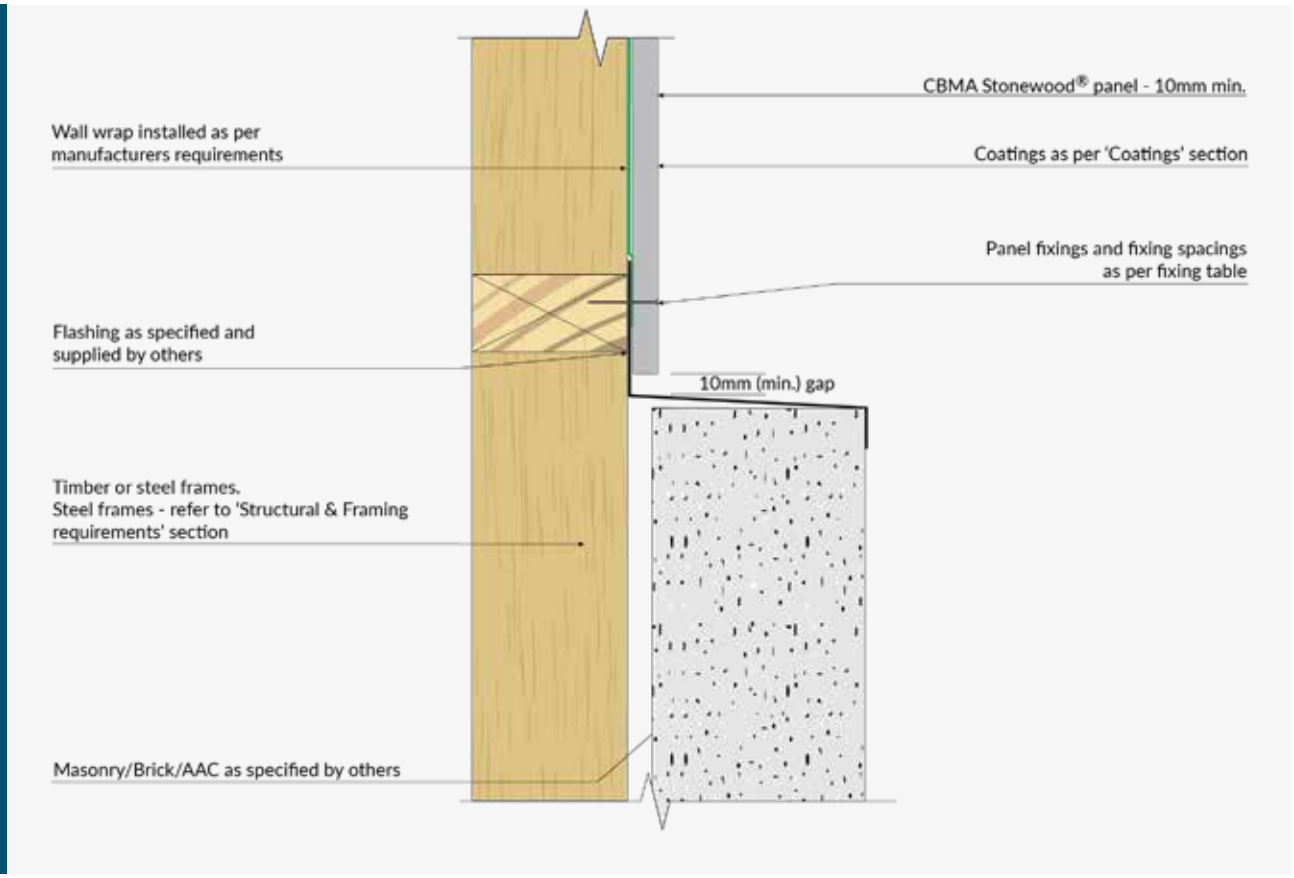
STONEWOOD® DIRECT FIX - TYPICAL REBATE SLAB DETAIL
DIAGRAM 22

DIRECT FIX



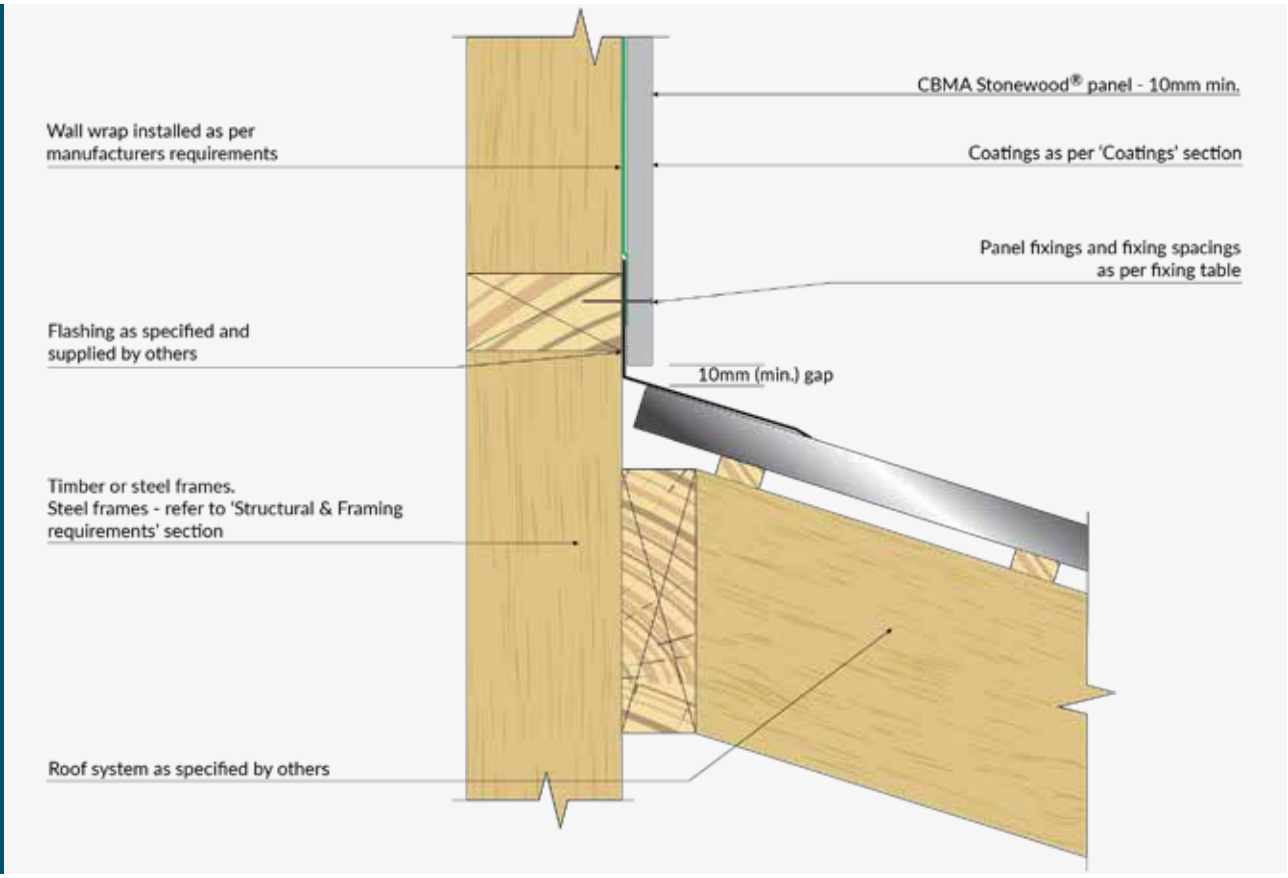
STONEWOOD® DIRECT FIX - TYPICAL SUBFLOOR / WALL DETAIL
DIAGRAM 23

DIRECT FIX



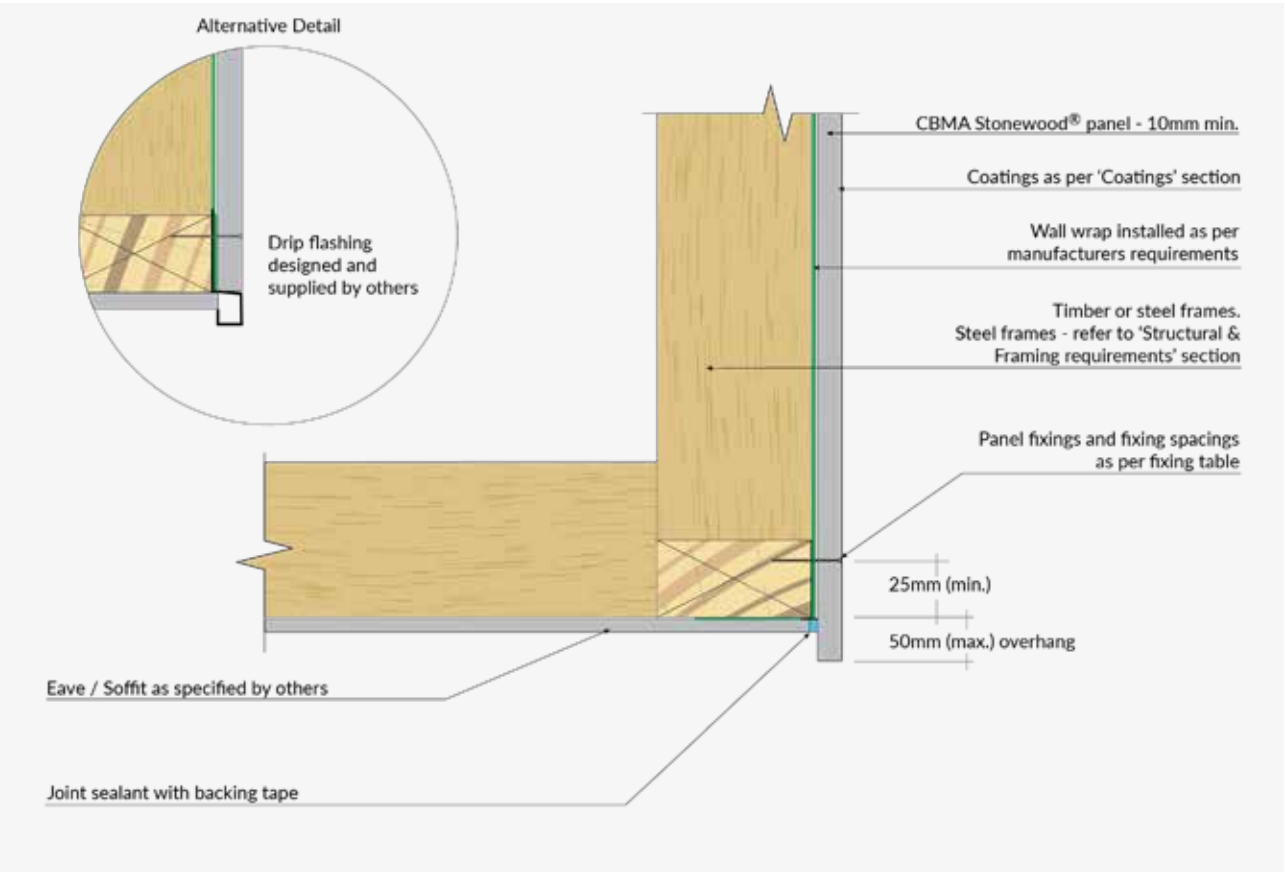
STONEWOOD® DIRECT FIX - TYPICAL MASONRY JUNCTION DETAIL
DIAGRAM 24

DIRECT FIX



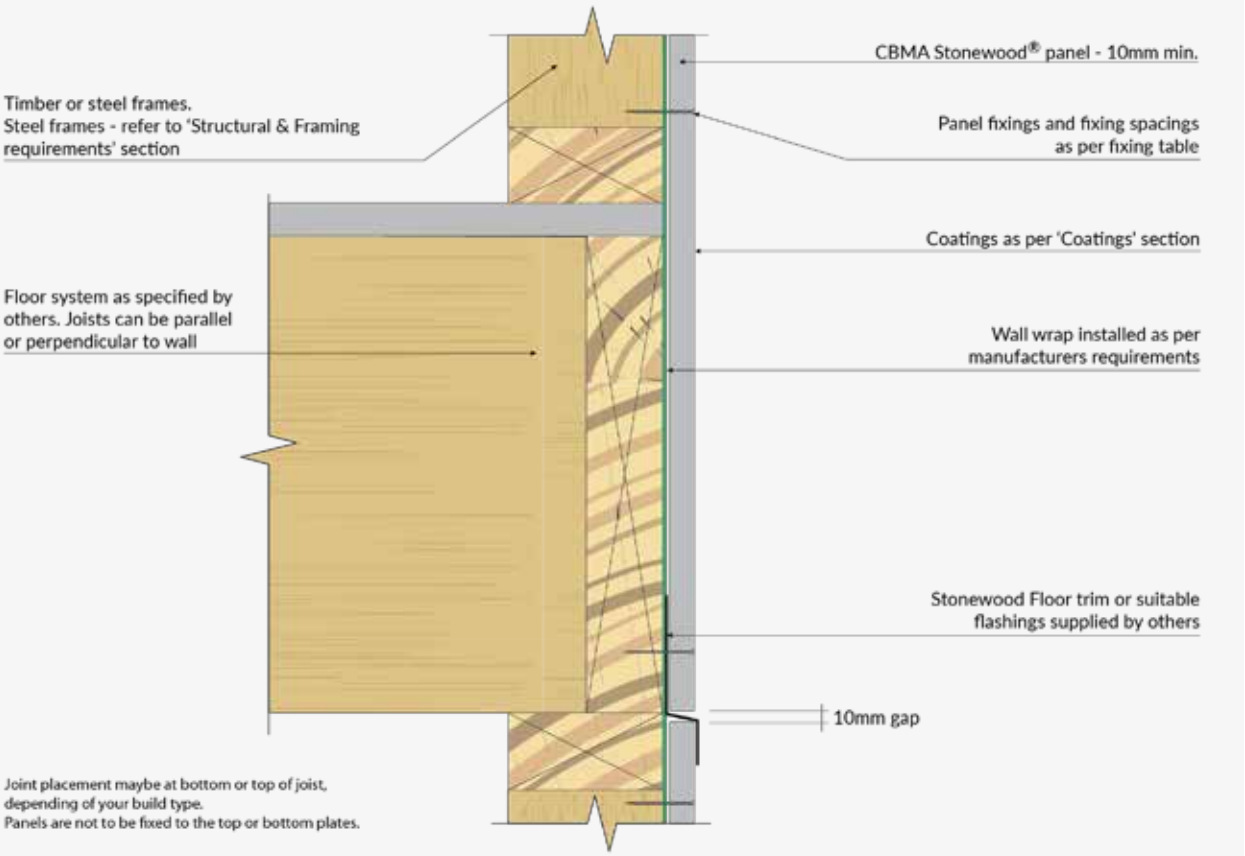
STONEWOOD® DIRECT FIX - TYPICAL ROOF JUNCTION DETAIL
DIAGRAM 25

DIRECT FIX



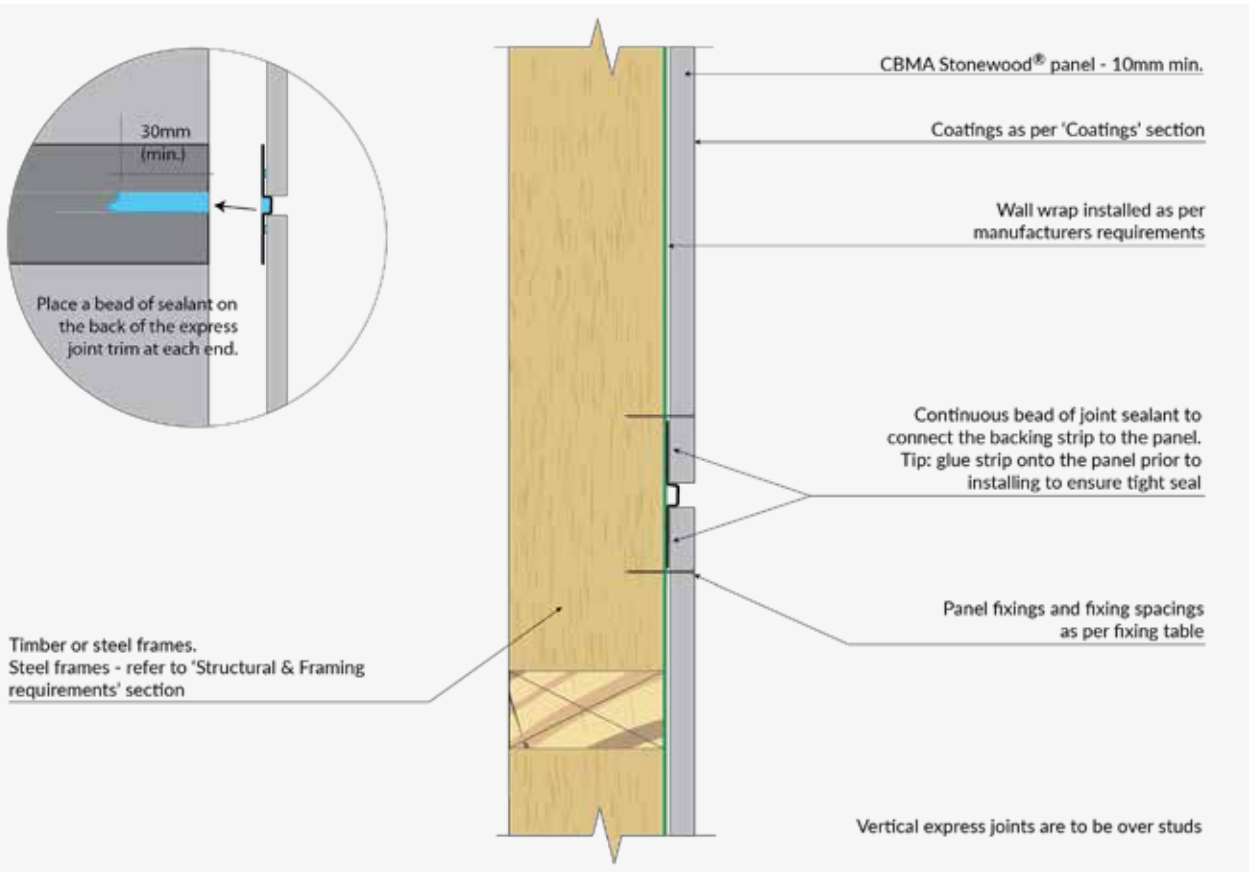
STONEWOOD® DIRECT FIX - TYPICAL EAVE / SOFFIT DETAIL
DIAGRAM 26

DIRECT FIX



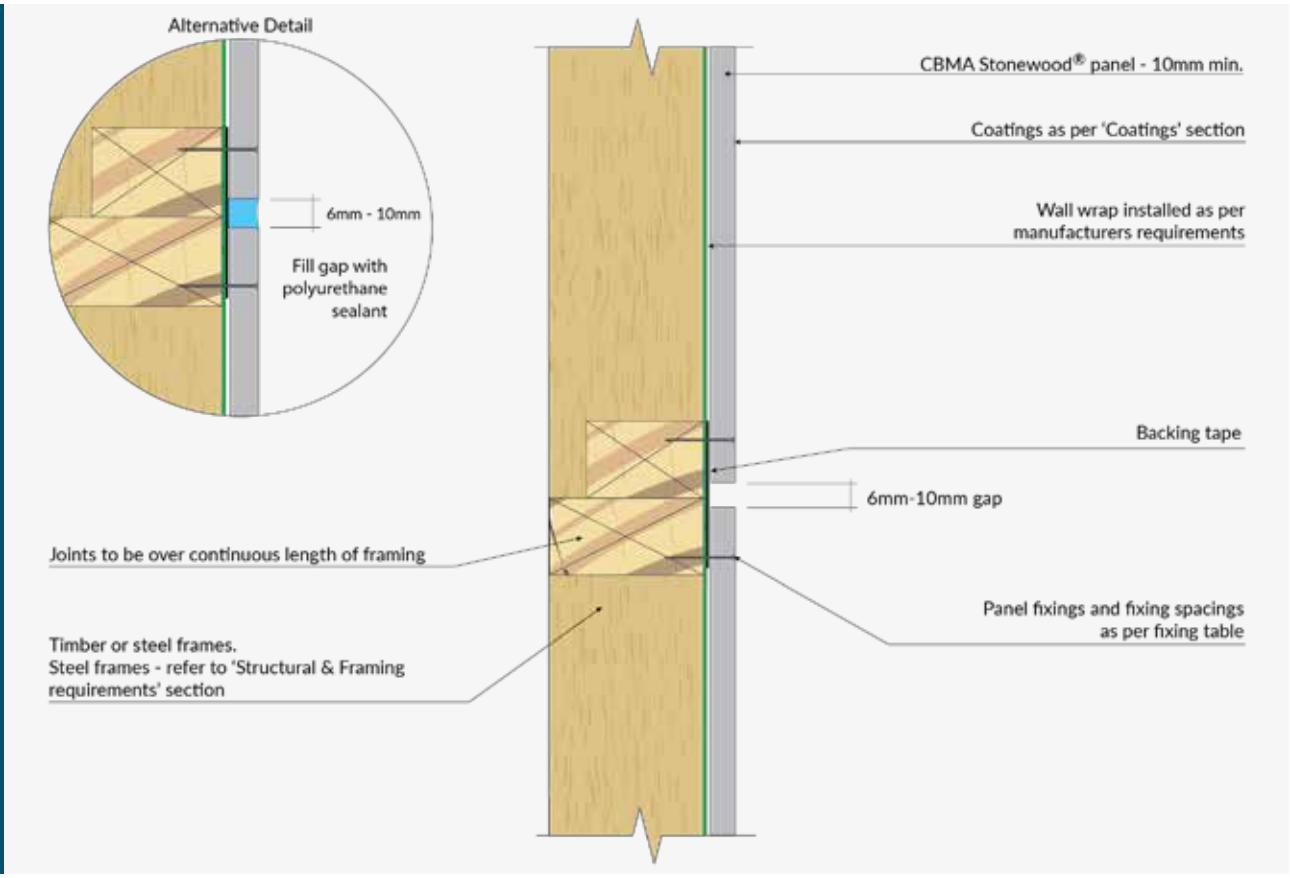
STONEWOOD® DIRECT FIX - TYPICAL FLOOR JUNCTION DETAIL
DIAGRAM 27

DIRECT FIX



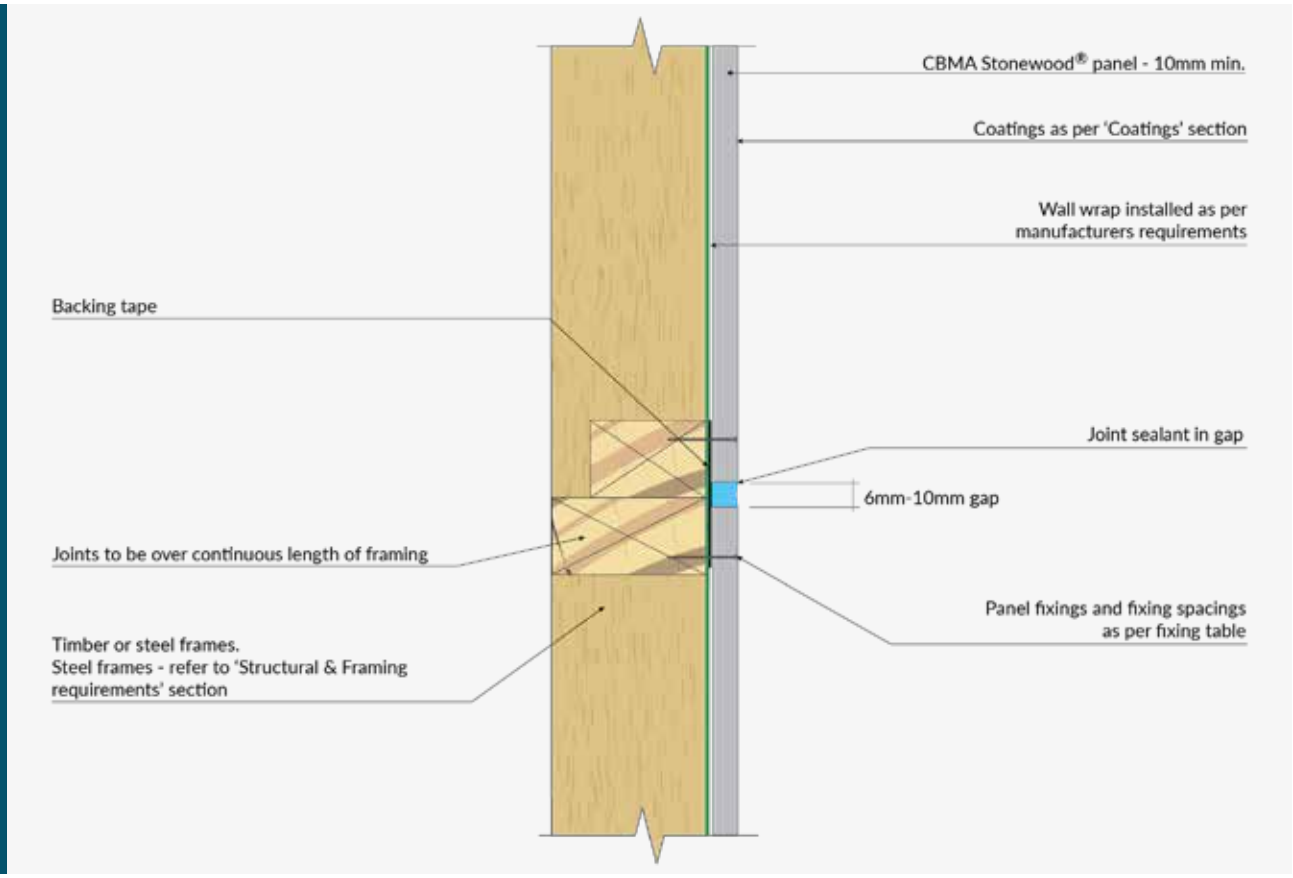
STONEWOOD® DIRECT FIX - TYPICAL EXPRESS TRIM JOINT DETAIL
DIAGRAM 28

DIRECT FIX



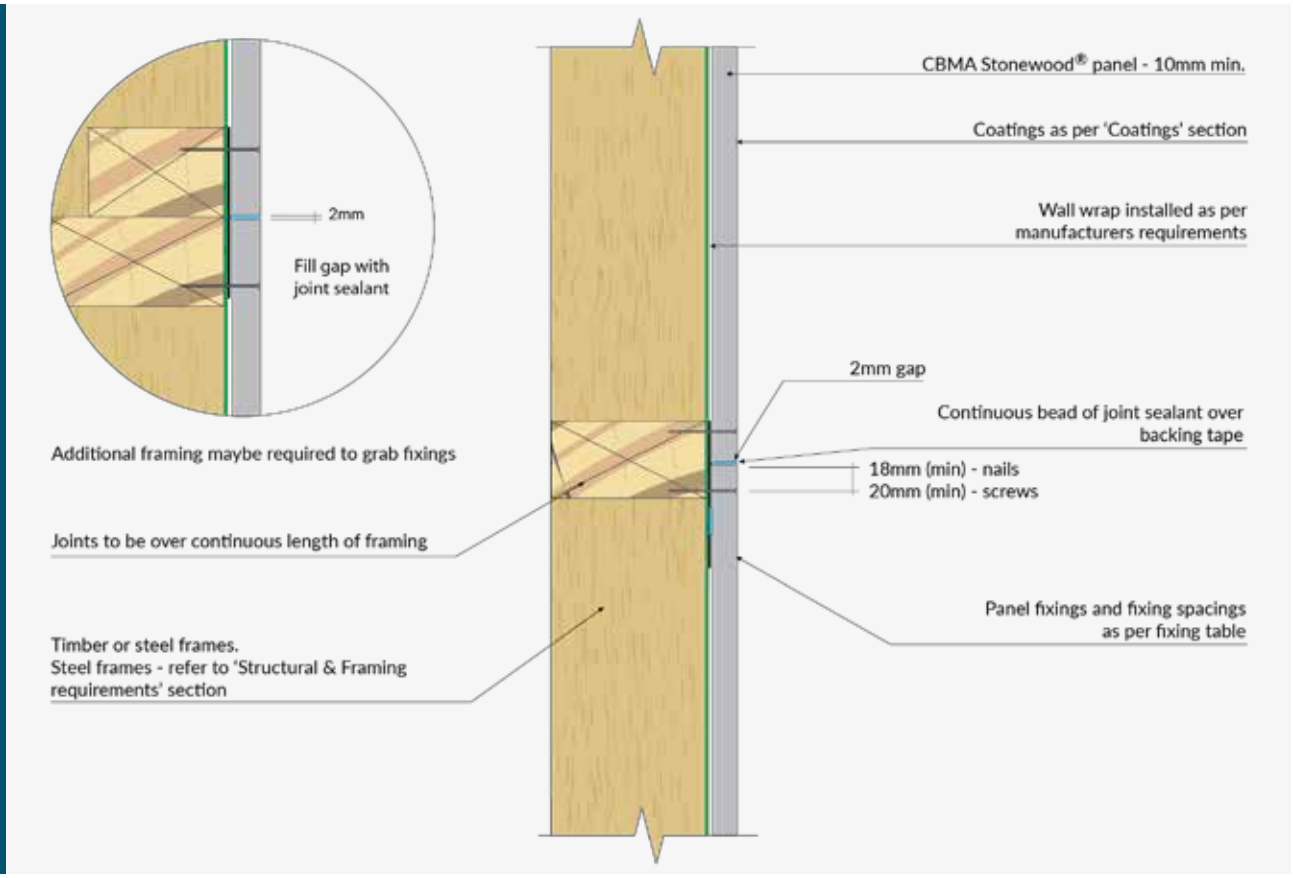
STONEWOOD® DIRECT FIX - TYPICAL VERTICAL EXPRESS JOINT DETAIL
DIAGRAM 29

DIRECT FIX



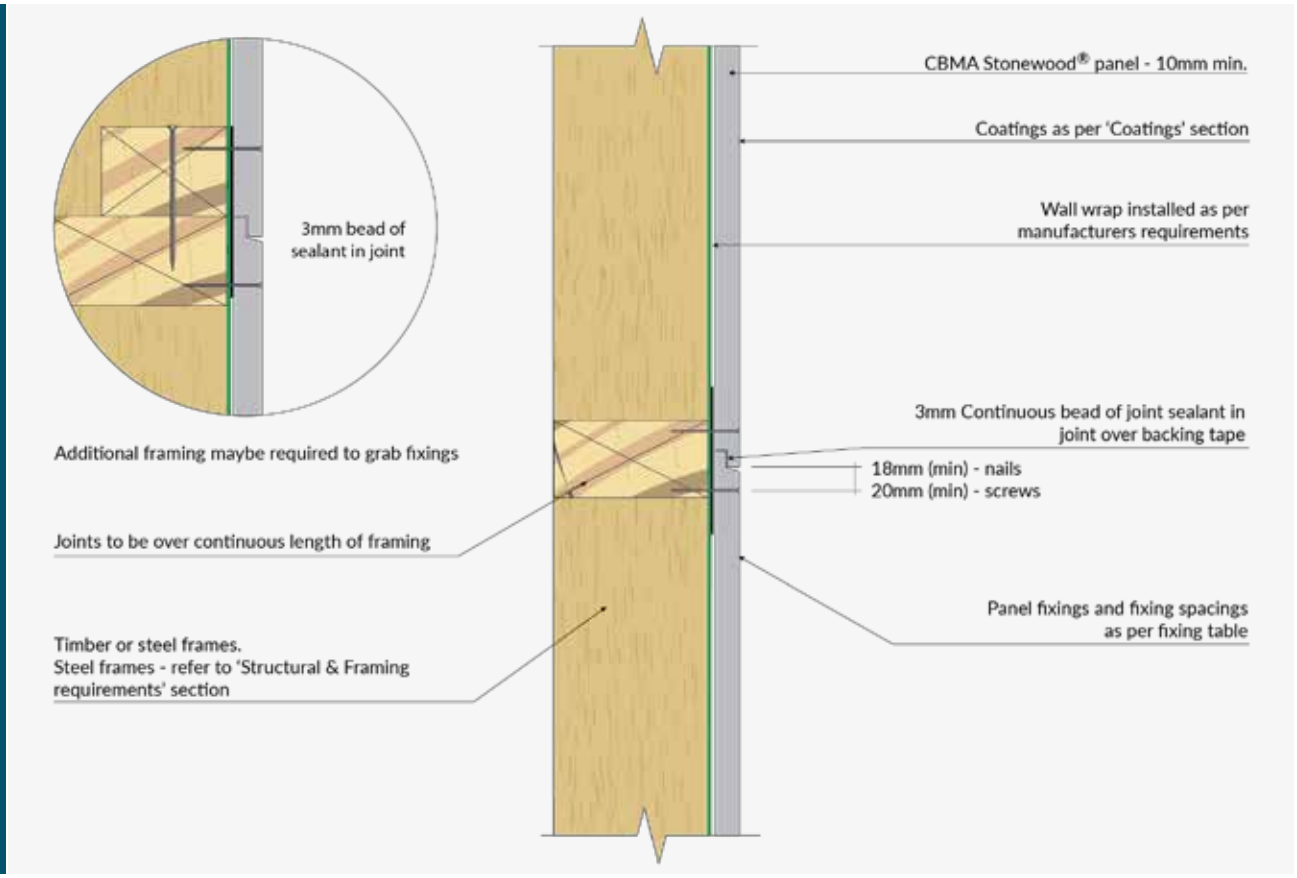
STONEWOOD® DIRECT FIX - TYPICAL EXPANSION JOINT DETAIL
DIAGRAM 30

DIRECT FIX



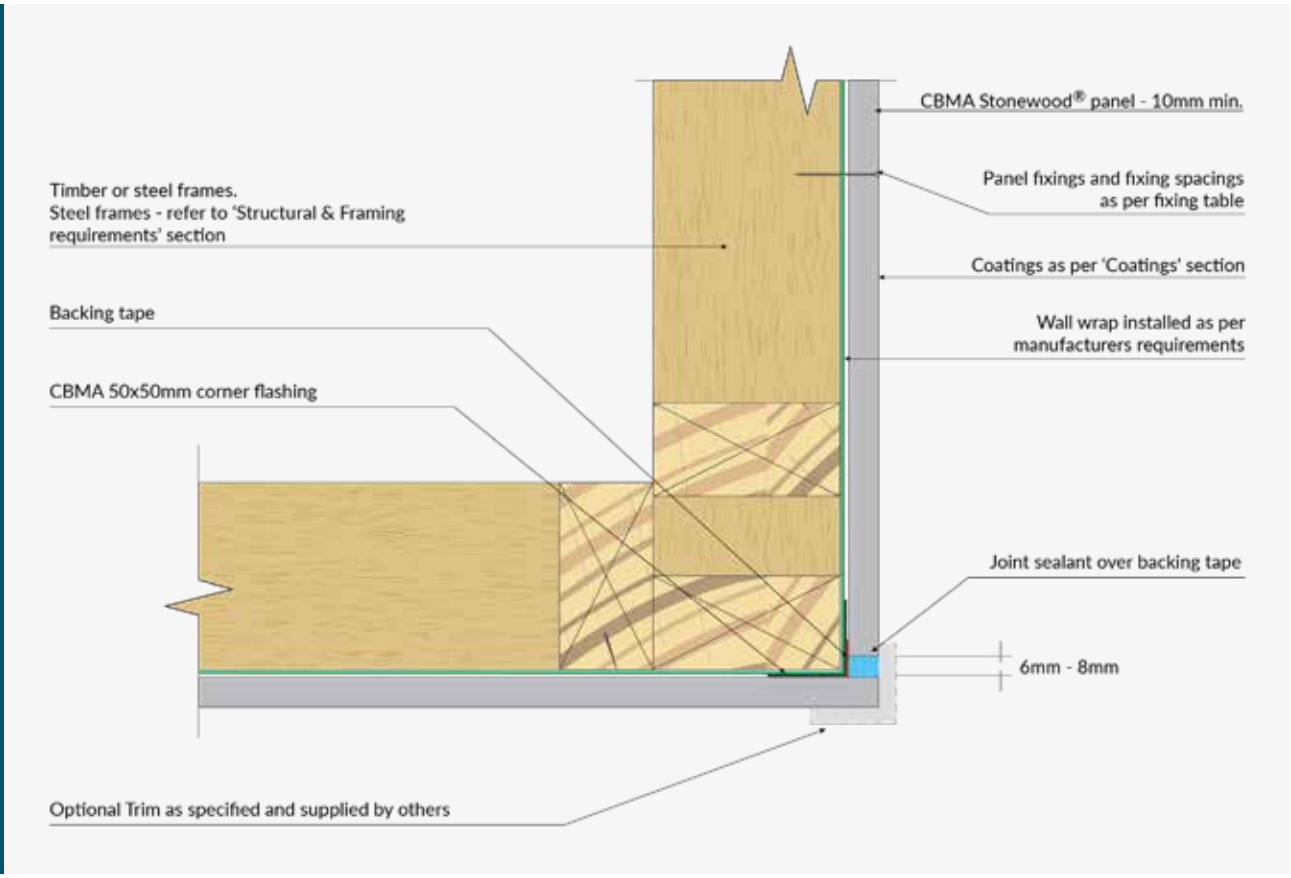
STONEWOOD® DIRECT FIX - TYPICAL BUTT JOINT DETAIL
DIAGRAM 31

DIRECT FIX



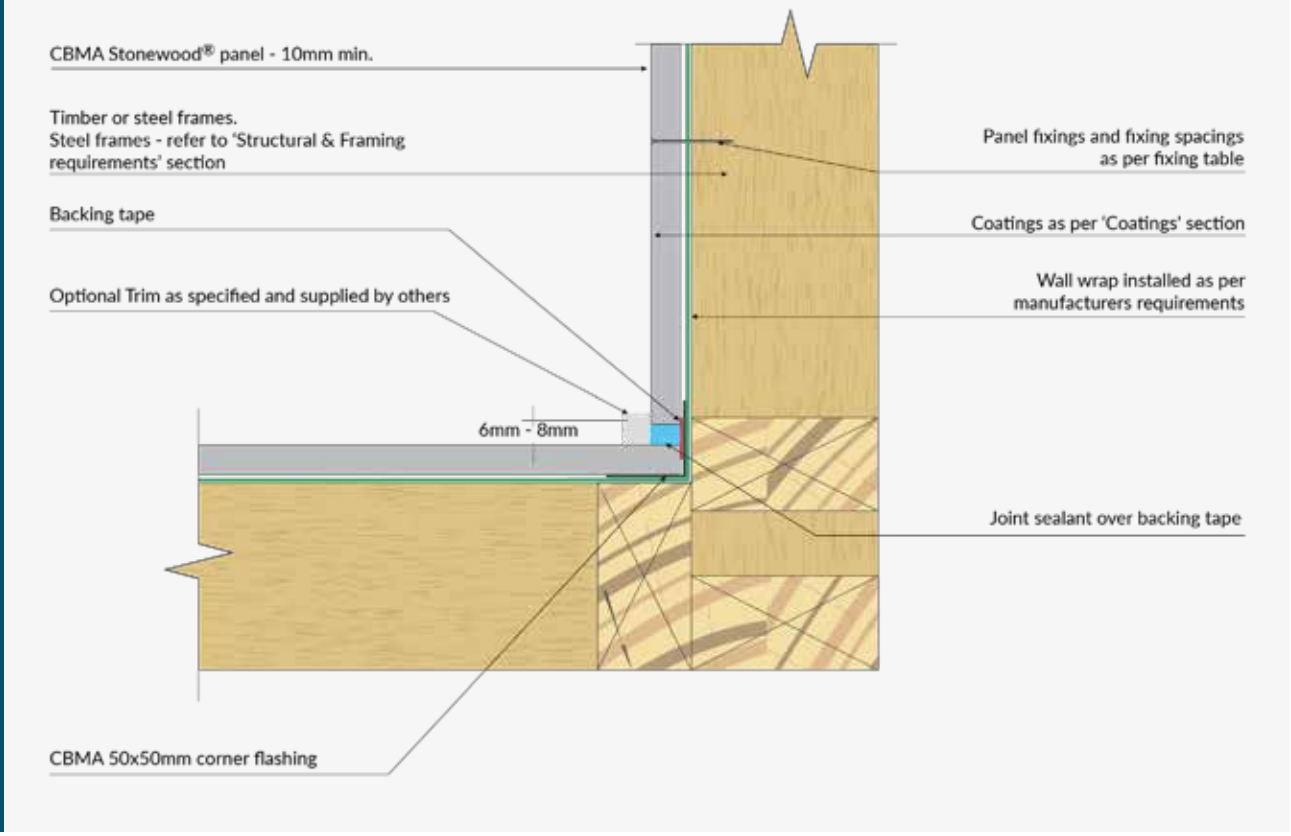
STONEWOOD® DIRECT FIX - TYPICAL SHIPLAP JOINT DETAIL
DIAGRAM 32

DIRECT FIX



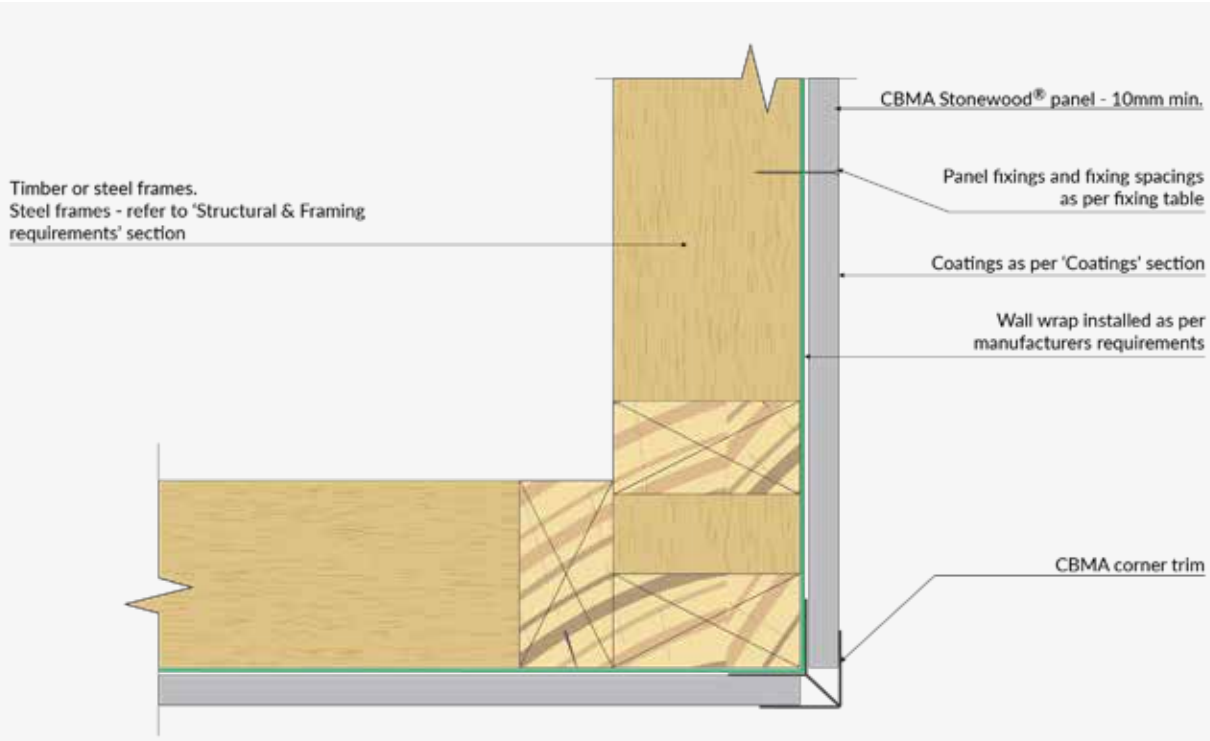
STONEWOOD® DIRECT FIX - TYPICAL EXTERNAL CORNER DETAIL
DIAGRAM 33

DIRECT FIX



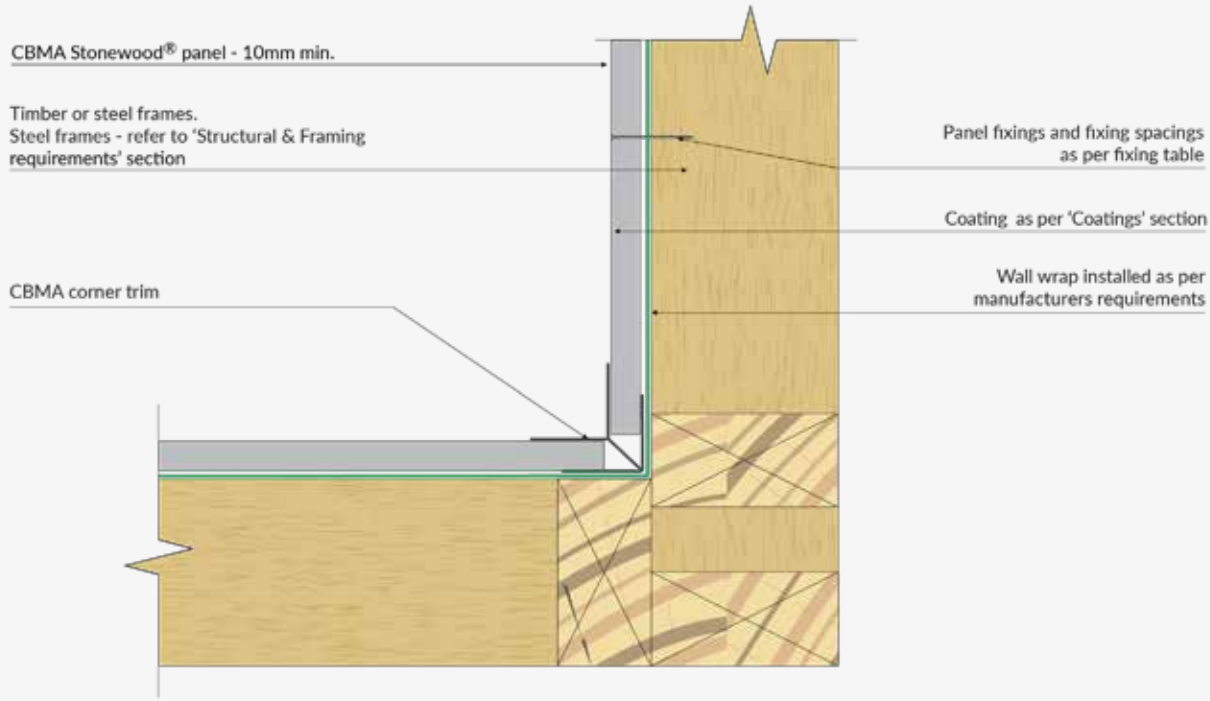
STONEWOOD® DIRECT FIX - TYPICAL INTERNAL CORNER DETAIL
DIAGRAM 34

DIRECT FIX



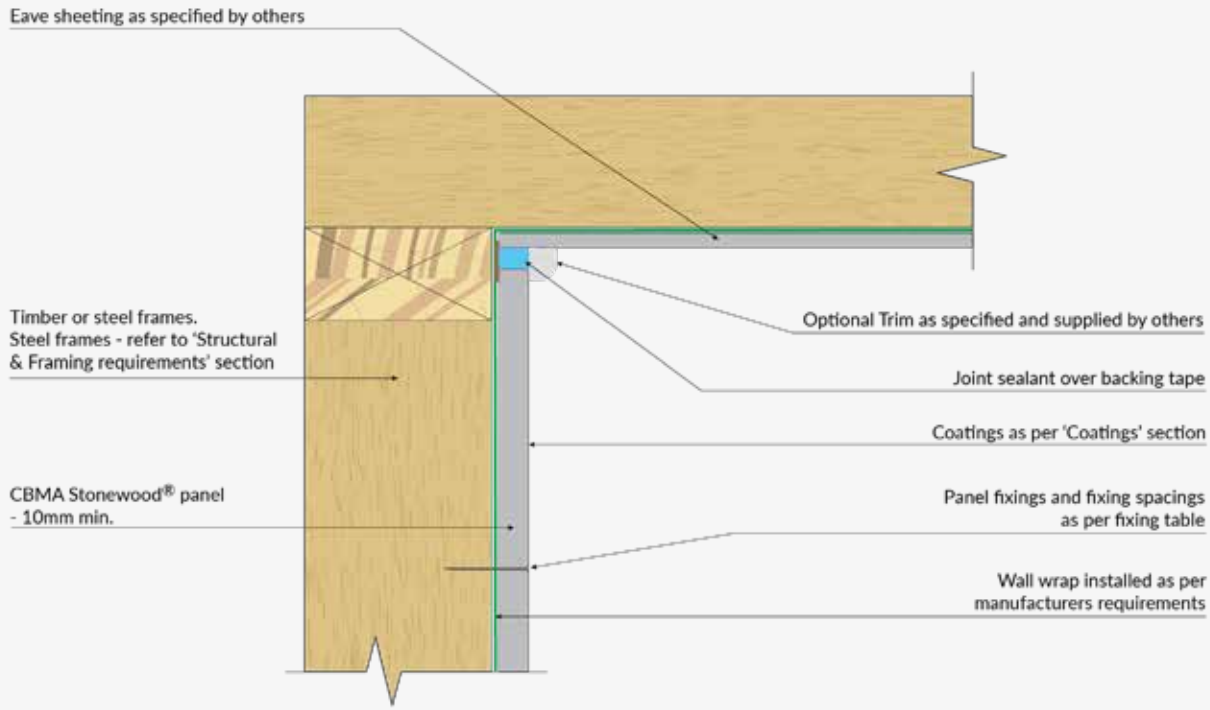
STONEWOOD® DIRECT FIX - TYPICAL EXTERNAL ALUMINIUM CORNER DETAIL
DIAGRAM 35

DIRECT FIX



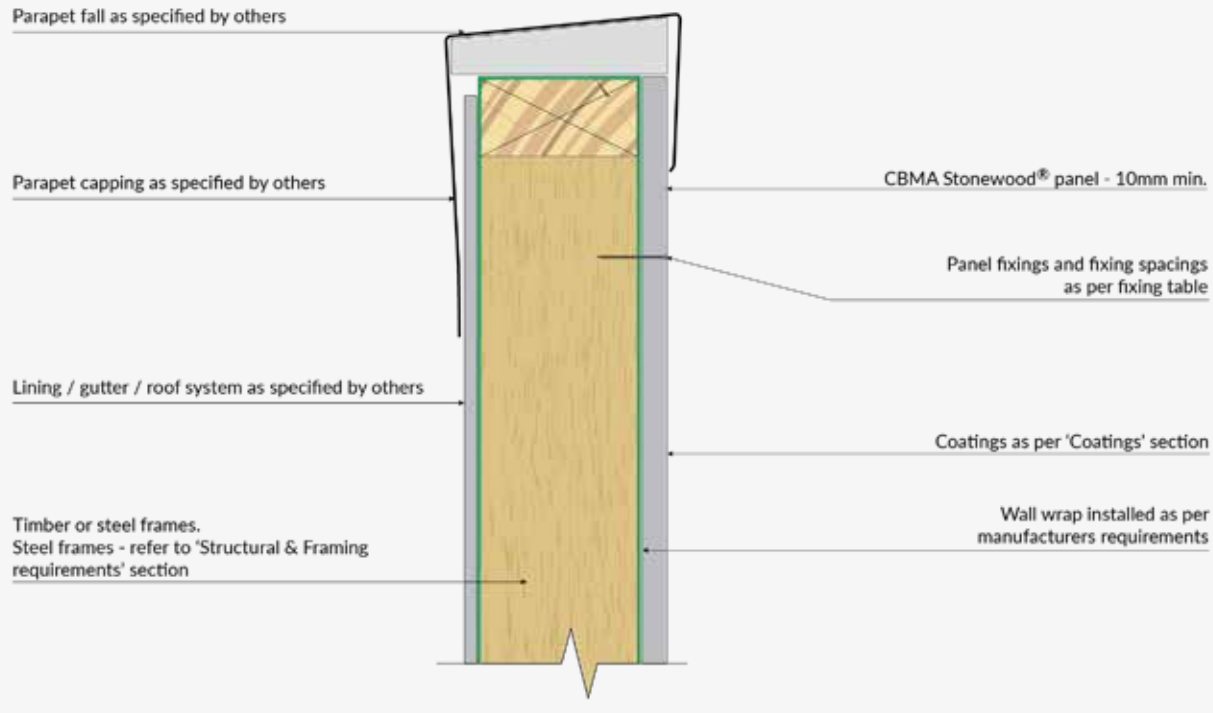
STONEWOOD® DIRECT FIX - TYPICAL INTERNAL ALUMINIUM CORNER DETAIL
DIAGRAM 36

DIRECT FIX

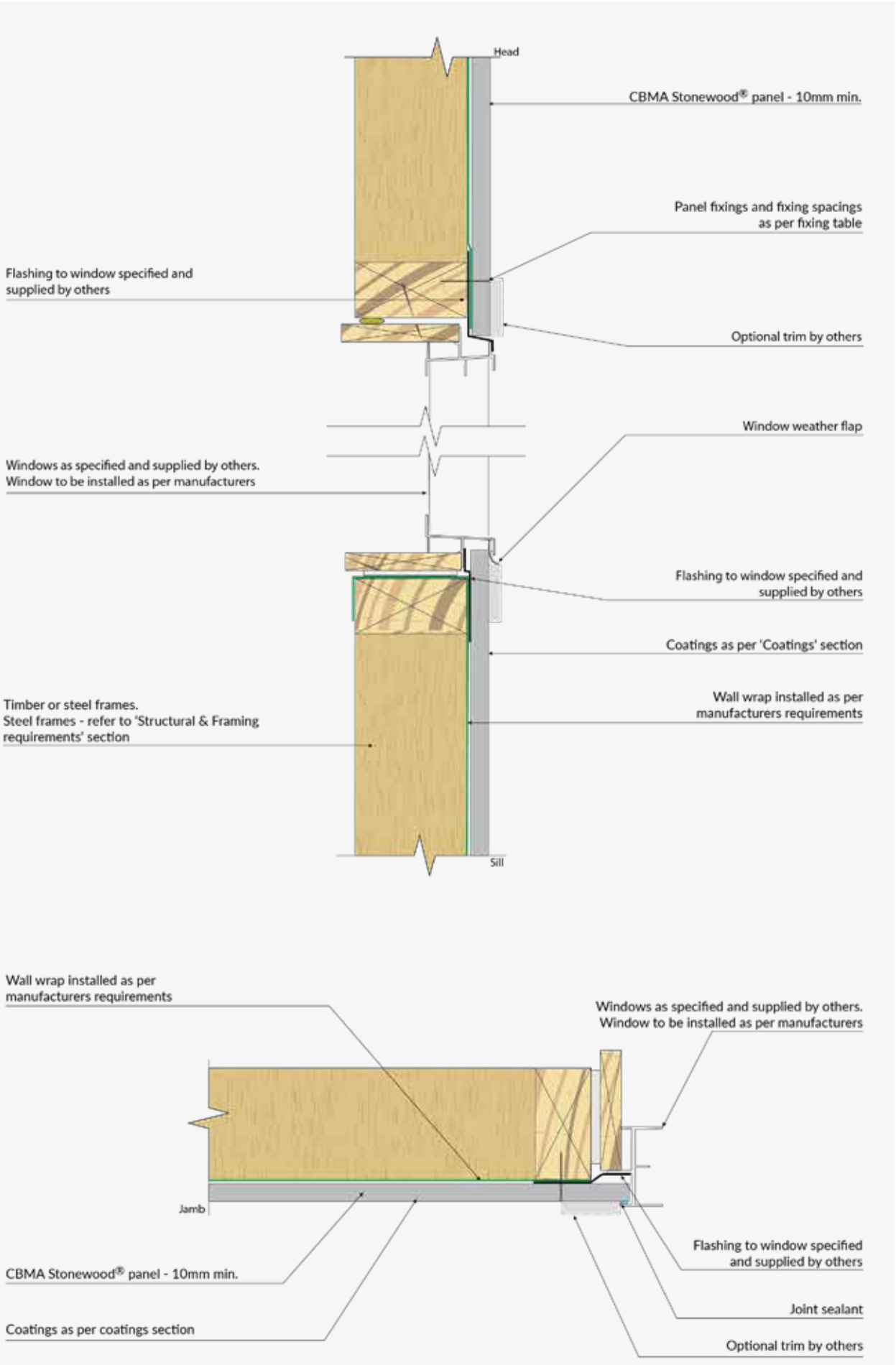


STONEWOOD® DIRECT FIX - TYPICAL EAVE / SOFFIT JUNCTION DETAIL
DIAGRAM 37

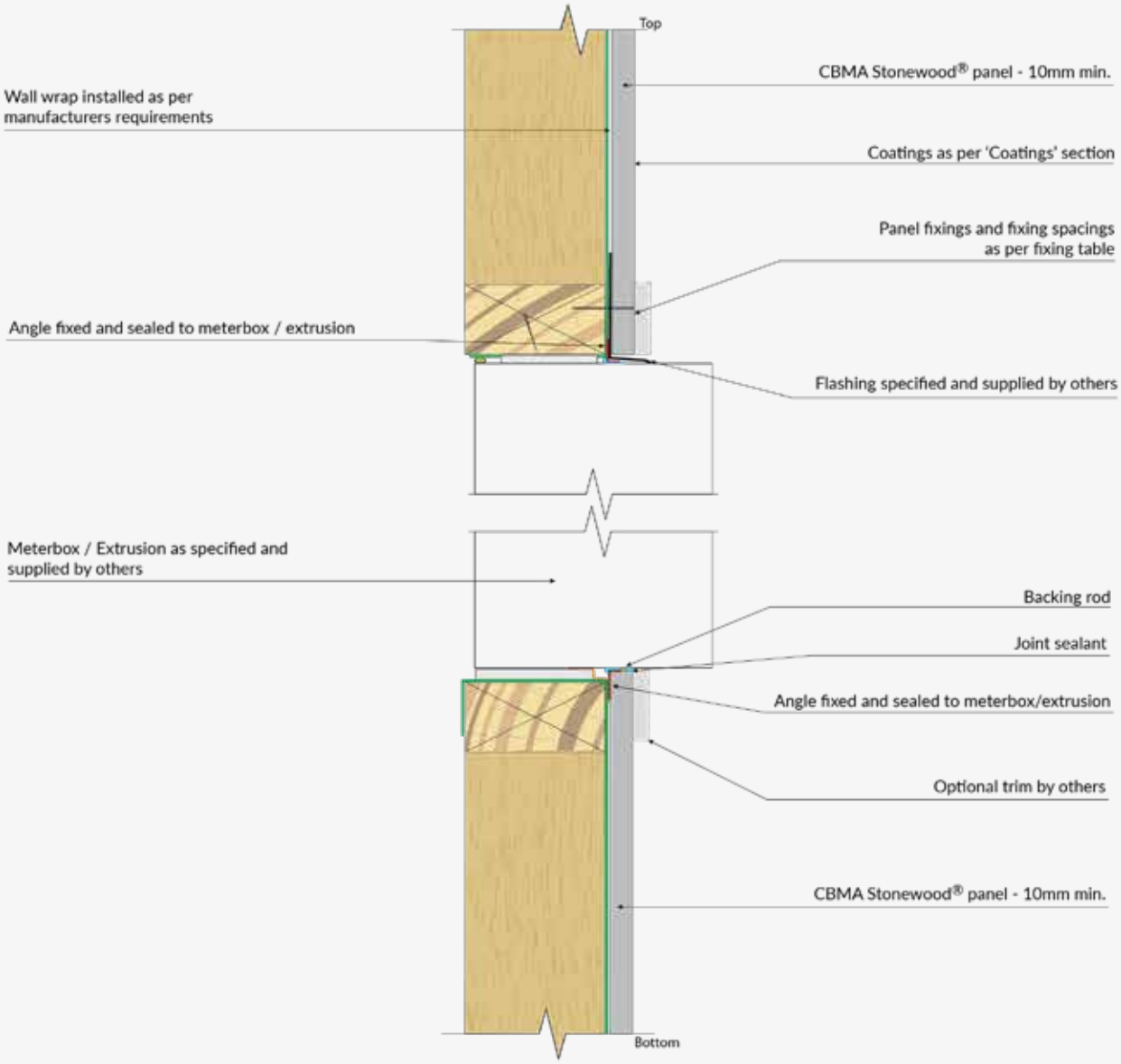
DIRECT FIX

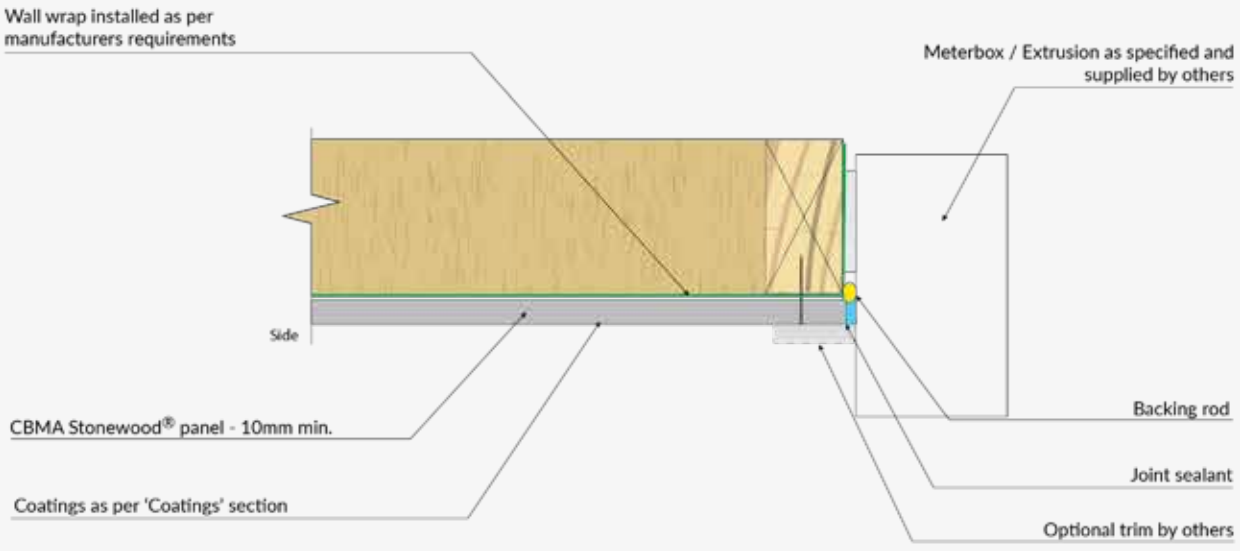


STONEWOOD® DIRECT FIX - TYPICAL PARAPET DETAIL
DIAGRAM 38



STONEWOOD® DIRECT FIX - TYPICAL WINDOW DETAIL
DIAGRAM 39





STONEWOOD® TYPICAL EXTRUSION DETAIL
DIAGRAM 40

NOTES

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