



FAIRVIEW™

DEFINING ARCHITECTURE SINCE 1963

INSTALLATION MANUAL

STRYÜM®

NON-COMBUSTIBLE ALUMINIUM FAÇADE / MANUFACTURED BY FAIRVIEW

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DISCLAIMER

The information contained in this publication and otherwise supplied to users of Stryüm products is based on Fairview's general experience, best knowledge and belief. However, due to factors which fall beyond Fairviews’s knowledge and control, which can affect the use of the products, no warranty is given, express or implied with respect to fitness for particular purpose or otherwise.

It is the responsibility of the architect, designer and various engineering parties to ensure that the details in this Installation Manual are appropriate for the intended application.

Fairview reserves the right to alter specifications at any time and without notice. Products are subject to natural variation as part of the manufacturing process, colours and textures may vary according to light and weather conditions. Due to this and limitations of the printing accuracy, colours in this brochure may vary. In case of doubt, please contact your local Fairview representative.

1. ABOUT THIS GUIDE

This manual has been developed to inform fabricators and contractors with an effective installation resource when working with Fairview's express installation cladding system, Stryüm.

The guide will provide easy to follow technical information. As uncontrollable conditions of the job scope alter, this guide is a comprehensive resource for users/ installers. Fairview recommends seeking the advice of a professional prior to installation.

The information and recommendations contained herein are believed to be correct at time of publishing in August 2024. Fairview reserves the right to revise the contents of this manual.

2. INTRODUCTION

2.1 ABOUT STRYÜM

- Contemporary appearance, striking design
- Premium Product: Made in Australia, superior quality
- Solid Aluminium - deemed non-combustible, certified to AS1530.1 and AS1530.3
- Easy installation
- Concealed fixing method
- Ventilated rainscreen facade system, including comprehensive range of trims and accessories
- Limitless colours including textured woodgrain and authentic anodised finishes



2.2 KEY FEATURES

PRODUCT DNA

Solid Aluminium

FINISH

Unlimited Powdercoat finishes, innovative woodgrain finishes and authentic anodised finishes.

APPLICATION

Type A, B, and C constructions where non-combustible materials are required such as mixed-use developments, residential construction, and large-scale government infrastructure projects like hospitals.

FINISH

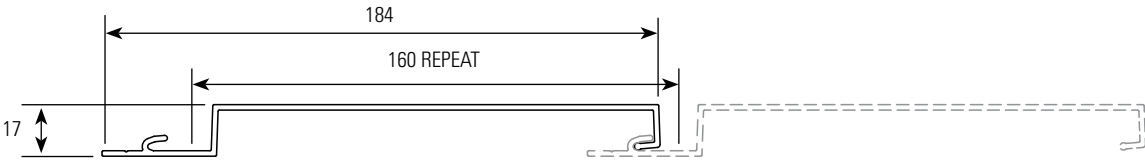
Unlimited Powdercoat finishes, innovative woodgrain finishes and authentic anodised finishes.

WARRANTY

15-year warranty, subject to standard terms and conditions.

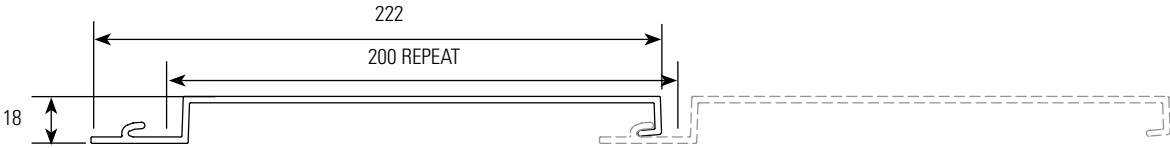
3. PANEL SPECIFICATION

SHADOW 160 - SH160



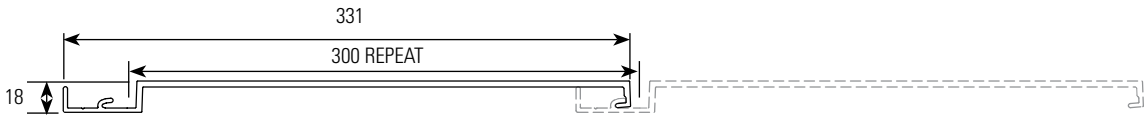
Thickness: 1.8mm	Weight: 6.9kg/m²	Length: 6.5m	Effective Cover: 160mm per panel
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SHADOW 200 - SH200



Thickness: 2.5mm	Weight: 8.82kg/m²	Length: 6.5m	Effective Cover: 200mm per panel
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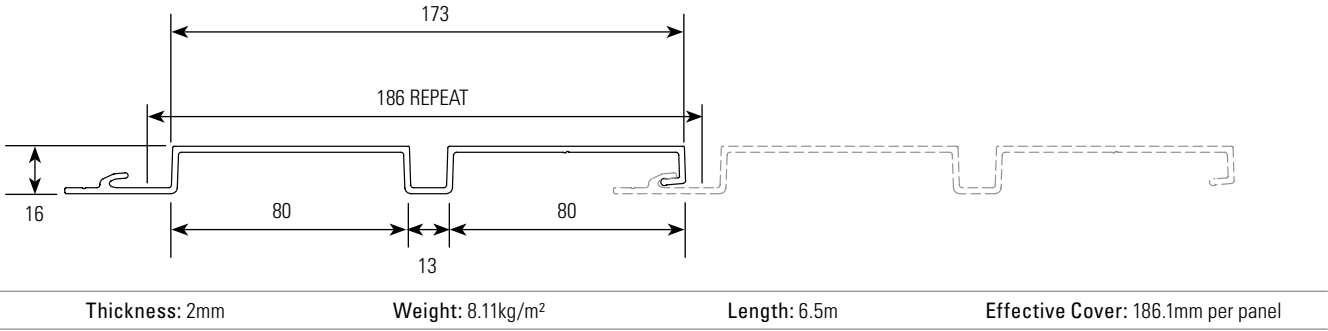
SHADOW 300 - SH300



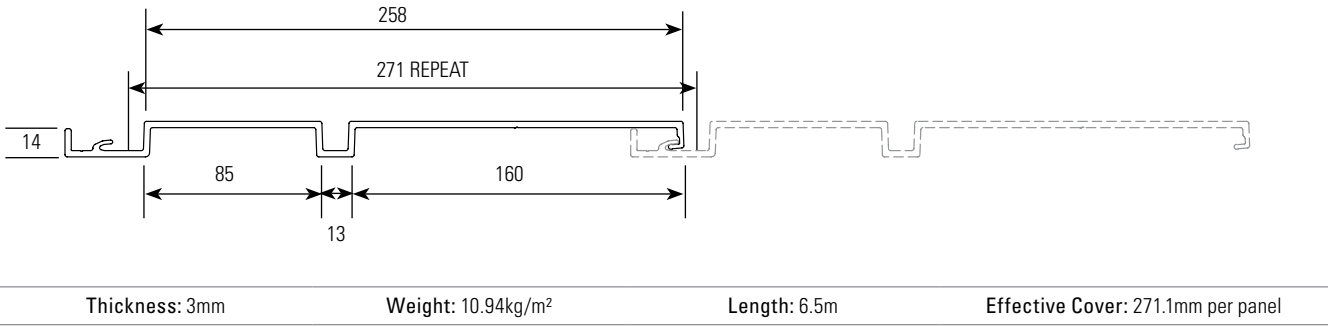
Thickness: 3.5mm	Weight: 11.29kg/m²	Length: 6.5m	Effective Cover: 300mm per panel
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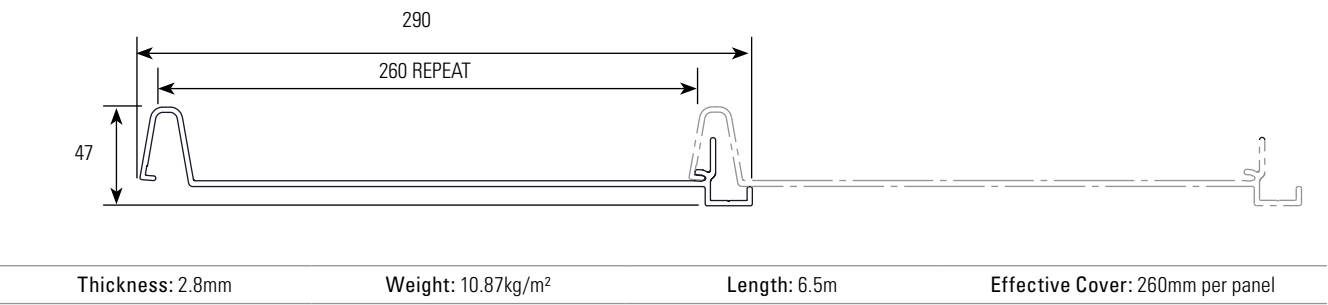
SHADOW 90/90 - SH90/90



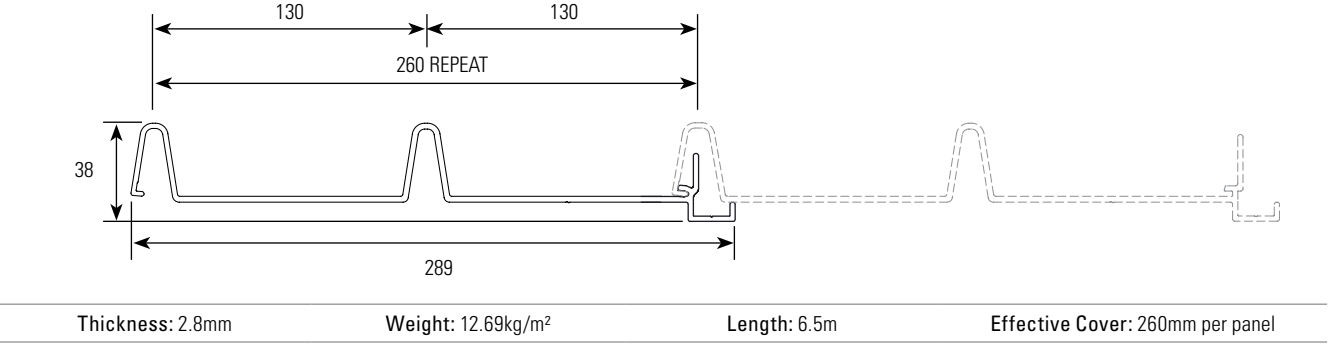
SHADOW 170/95 - SH170/95



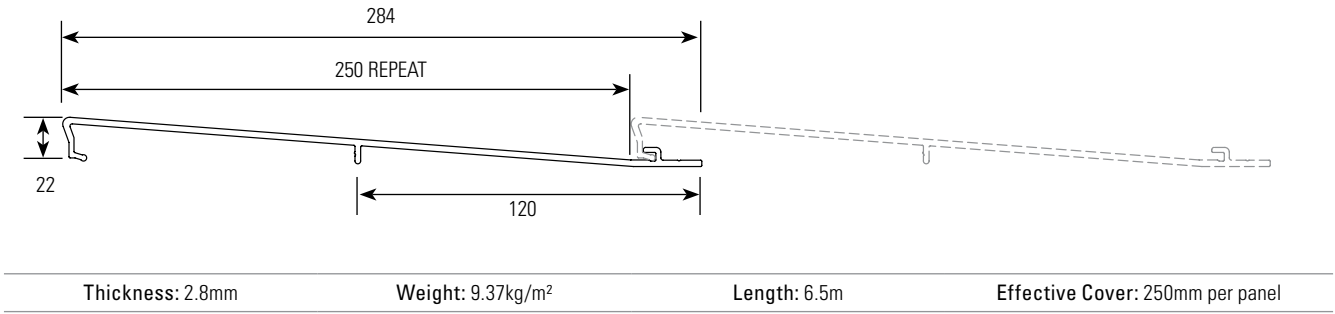
SEAM 260 - SE260



SEAM 130/130 - SE130/130

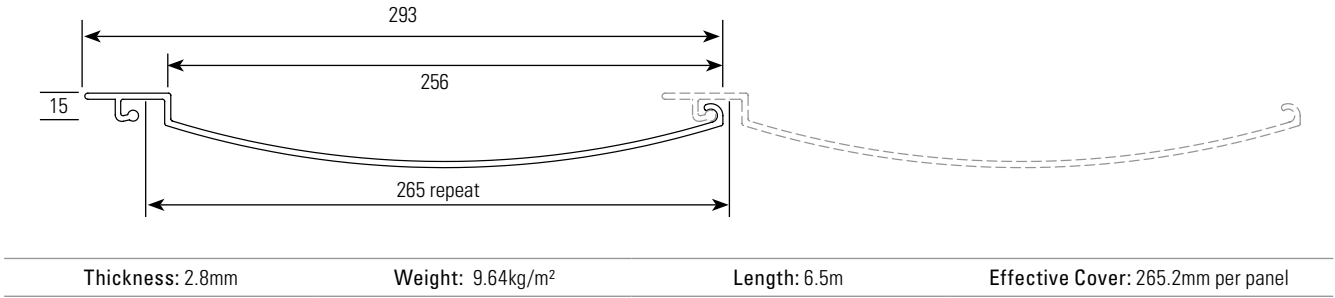


STEP 250 - ST250

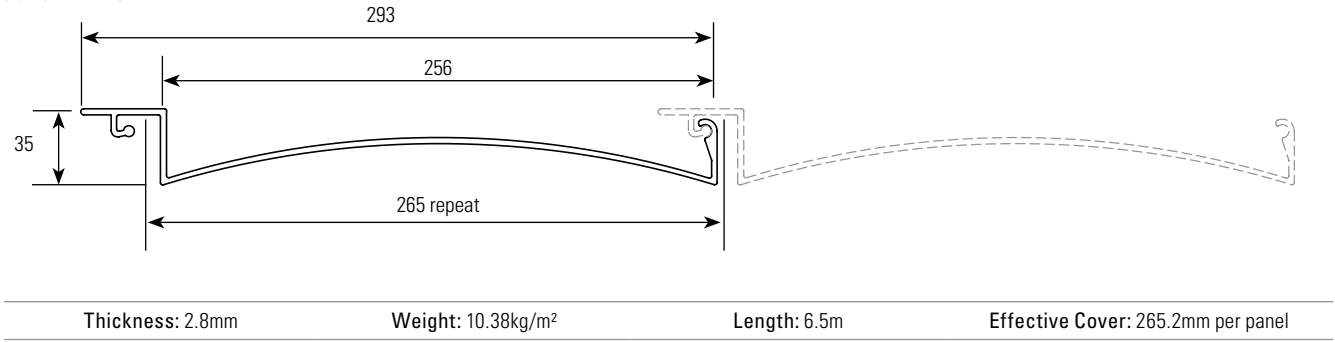


SPECIAL ORDER PROFILES

CONVEX 270



CONCAVE 270



PLEASE CONTACT FAIRVIEW FOR AVAILABLE TRIMS AND COLOURS FOR SPECIAL ORDER PROFILES, AS WELL AS COMPLIANCE INFORMATION.

4. COATING SPECIFICATIONS

POWDER COAT

Stryüm is available in the commercial Interpon and Dulux range of powder coat finishes. These commercial finishes have been tested to AAMA2604 and have been designed specifically for architectural applications. They are super durable thermosetting polyester powders ideal for use in mild, severe and tropical exterior conditions.

For increased warranties, AAMA2605 powder coat finishes are also available upon request. These finishes consist of ultra-durable fluoropolymer powder coat finishes.

A virtually unlimited range of custom colours is available in powder coat, please speak to the Fairview team.

ANODISED

The Stryüm profiles are subjected to the anodising process and are supplied with an authentic anodised finish, there are many colour options to choose from.

Unlike a powder coat finish, anodising is not a coating, it is an alteration of the physical properties of the aluminium. This means the material has much better durability than a powder coat finish: authentic anodised finishes are the most durable type of finish available.

The Stryüm panels use an authentic anodised finish, which involves passing the raw material through an electrochemical process. This process highlights the natural variation of the aluminium, showcasing the natural lustres of the metal. As a result, anodising creates a vibrant, dynamic finish that morphs from one colour to the next when viewed from varying angles, and at different times throughout the day.

This natural variation is one of the design benefits of using Anodised aluminium, and the final appearance will not have the same ultra-consistent appearance as other finishes such as powder coating.

As anodising is a natural process there is a large potential for slight colour variation within the material, and when compared to the approved sample. However, this variation has always been part of the allure of anodising and will create a truly unique façade.

WOODGRAIN

Stryüm uses an innovative woodgrain technology known as powder on powder, or Interpon ezy HD2, the market leader in durability.

It has a raised grain, increasing the realism of the profile.

Dual powder is a process where a base layer of powder coat is applied, however is only partially cured.

This profile is then coated with a second layer of powder coat which forms the woodgrain pattern.

These two layers are then cured together to form a single layer, with a real grain texture. The final woodgrain finish is extremely durable, and it outperforms some other alternative woodgrain coating techniques.

The Stryüm woodgrain utilises the Interpon D2525 powers, and as such is treated as the same material.

Custom woodgrain finishes are available at request, please contact the Fairview team

5. COATING DATA

5.1 POWER COAT/ WOODGRAIN DATA

INTERPON D2525 AAMA2604 RESULTS		
TEST	RESULT	TEST REQUIREMENT
2450	2250	2150
2150	1950	1900
1950	1800	1700
1800	1650	1600
1700	1550	1450
1600	1400	1350
1550	1300	1200
1450	1200	1150
1350	1150	1050
1300	1100	1000
1200	1000	950
1150	950	NA
1100	950	NA

5.2 ANODISED DATA

All anodised finishes are supplied in accordance with AS1231 2000 Aluminium and Aluminium Alloys – Anodic Oxidisation Coatings.

6. PERFORMANCE

6.1 FIRE

In today's architecture the technical details are as important as the overall appearance of the project specification. Architects are seeking products that tick the box for sustainability, moisture control and fire performance.

The demand for specification and deemed non-combustible facades have fast become the industry norm.

As a solid aluminium pre-finished panel, Stryüm has been tested to AS1530.1* and AS1530.3. Powder coat and Woodgrain finishes are compliant to 2022 NCC under clauses C2D10 (5) & C2D10(4)(O).

Stryüm is a safe preferred choice where deemed non-combustible cladding must be specified for use, applications such as hospitals, schools and high-rise buildings.

POWDER COAT & WOODGRAIN FINISHES			
TEST STANDARD		RESULT	
AS1530.1		DEEMED NON-COMBUSTIBLE	
AS1530.3	PASS	Ignitability Index	11
	PASS	Heat Evolved	0
	PASS	Spread of Flame	0
	PASS	Smoke Developed	3
Compliance with C2D10(6)(e)		DEEMED NON-COMBUSTIBLE	

6.2 AVERAGE EXPANSION

MATERIAL	MATERIAL	ELONGATION PER 1000MM T =50°C
Stryüm	23.4	1.17

When installing Stryüm please leave the following clearance at each end of a length to allow for unhindered expansion and contraction.

LENGTH	CLEARANCE
≤ 4000mm	5mm
> 4000mm	10mm

The proprietary Stryüm S Batten is designed to sustain expansion of Stryüm in an 80°C temperature change, whilst allowing for a direct fix to the substrate.

If the Stryüm S Batten is not used, allowance must be made for thermal expansion in the form of oversized holes, with special attention paid in the installation of the material to ensure the screws are not overtightened.

7. INSTALLATION DETAIL

7.1 INSTALLATION CONSIDERATIONS

- As minor colour variation can occur between production lots, it is recommended the total material requirements for a project are placed in one order to ensure colour consistency.
- Where aluminium materials meet dissimilar metals, a proper insulator or caulking tape should be applied to insulate between dissimilar materials to avoid corrosive and electrolytic action.
- Please ensure Stryüm is used as part of a compliant wall system, with all components complying with the Deemed-to-Satisfy provisions of the relevant NCC or approved as part of a performance solution.
- Refer to the STRYÜM Trims Guide and Vitrafix Accessory Brochure for a comprehensive range of compliant trims and accessories.
- When Stryüm panels are delivered to site, approximately 50mm of panel will need to be trimmed from both ends due to the production process. When ordering site specific sizes, please ensure you have allowed for 100mm – 150mm of wastage on each panel. Please ensure that both ends have been trimmed prior to installation, as this is vital to ensuring the panels will clip together fully.
- Stryüm panels will be installed with uncoated cut edges. Aluminium is extremely resistant to corrosion and within minutes of cutting the panel, a thin oxide layer will have formed over the cut edge, preventing any further corrosion.
- If installed as per the installation requirements, these edges are adequately drained and ventilated to prevent sitting in pooled water. If the panels are installed incorrectly so that they are subject to pooled water, this may eventually break down the oxide layer and allow for corrosion.
- When installing Stryüm, ensure that the panel has fully locked together before screwing it off. In the Stryüm shadow profiles, a 14mm packer can be inserted in the shadow line to ensure a complete connection. With the Seam and Step profiles, please tap the join using a soft faced hammer to ensure complete connection, taking care not to damage the finish.
- Due to the interlocking nature of the Stryüm, it is critical that special attention is paid to installing the S Batten substructure correctly. It must provide a flat surface for the cladding to be installed on, as any inconsistencies in the substructure may affect the visual appearance of the cladding.
- Movement in the building structure must be accounted for, and allowances included in fixing calculations accordingly.
- Stryüm, or the S Batten substrate, cannot be installed across:
 - Building movement or control joints,
 - Dissimilar substrates.
- Stryüm panels must not be fixed to a rigid substrate other than the S Battens.
- Stryüm panels must not be fixed in such a way to prevent movement, including direct fixing panels to flashing, or controlling any movement in the interlocking joints.
- Stryüm S Battens are to be installed perpendicular to the orientation of the cladding panels.
- A minimum cavity depth of 35mm is required.
- Deflection of the Stryüm panels must not exceed span/90.
- Ensure all cut edges have been coated with a suitable sealant.
- For vertical installation of the Shadow and Seam profiles, Ventilated S Battens should be used to promote airflow within the wall cavity and prevent moisture build up.
- For vertical installation of the Shadow and Seam profiles, ensure the orientation of the horizontal Ventilated S Battens follows the drawing detail.

SUB FRAMING

In line with the 2022 NCC move towards improvements in condensation and moisture management, the new Vitrafix 35mm Ventilated S Batten promotes improved air circulation through the cavity and provides better drainage when installed as part of a rainscreen system.

7.2 STRYÜM FACADE SYSTEM ACCESSORIES

Fairview's Stryüm comes with CodeMark Certification. Product testing used to gain CodeMark Certification was carried out using a specific set of accessories. The components offered in the Vitrafix accessories range are carefully selected to ensure the sub-framing is complaint to the National Construction Code and the CodeMark Certificate for Stryüm.

MEMBRANES

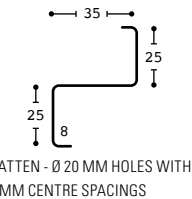
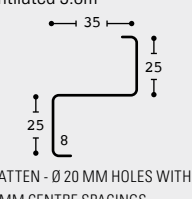
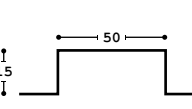
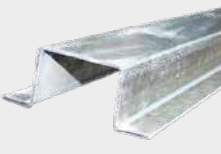
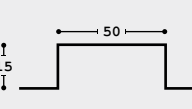
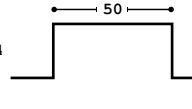
	CODE	NAME	DESCRIPTION	UNIT QUANTITY
	VWS50	Vitrafix Wall Sarking 1500mm x 50m Roll	Vitrafix Wall Sarking is a Class 4 vapour permeable membrane and an effective water barrier. With a 12-year warranty, it can withstand direct UV exposure for up to 3 months.	1 Roll
	VWSU30	Vitrafix Wall Sarking Ultra 1500mm x 30m Roll	Vitrafix Wall Sarking Ultra is a Class 4, heavy duty vapour permeable membrane and an effective water barrier. With a 15-year warranty, it can withstand direct UV exposure for up to 6 months and has superior strength characteristics for high wind zones.	1 Roll
	MSE150	Pro Clima Solitex Extasana Wall Membrane - 150	Pro Clima Solitex Extasana Wall Membrane is a high performance, monolithic nonporous membrane. Can be exposed to the elements for 90 days. 55m² per roll.	1
	VWST25	Vitrafix Sarking Tape 60mm x 25m Roll	Vitrafix Sarking Tape is used for sealing overlapping joints and areas where water ingress may occur.	1 Roll
	VWSTD100	Vitrafix Double Sided Sarking Tape 60mm x 100m	Vitrafix Double Sided Sarking Tape is used to temporarily fix sarking to framing prior to installation of the façade.	1 Roll
	MTE60	Pro Clima Weathertight Sealing Tape – Tescon Extora 60mm	Weathertight Sealing Tape used to seal Pro Clima membrane. Easy to cut, thin and flexible, can be applied to cold and wet surfaces, highly UV stabilised.	10
	MTEP60	Pro Clima Corner Tape – Tescon Extora Profil 60mm	Split release paper for corner of window/door installations. Thin and flexible, can be applied to cold and wet surfaces, highly UV stabilised.	5
	MTES150	Pro Clima Sill Tape – Tescon Extoseal 150mm	Pro Clima Sill Tape - Tescon Extoseal is a one-piece stretchable sill tape, no need for corner moulds, can be applied to damp surfaces, very high adhesion on cold surfaces, no heating necessary, highly UV stabilised.	2
	VWSEPDMS	Vitrafix EPDM Sleeve – Custom	EPDM Sleeve is used to weatherproof areas where a fixture, such as a pipe etc, penetrates the sarking material. Custom sizes are available, contact the Fairview team with specific size requirements.	Please contact the Fairview team for more details

*The use of these accessories needs to be checked for compliance on your project

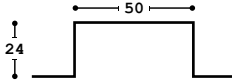
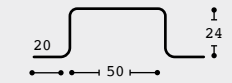
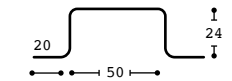
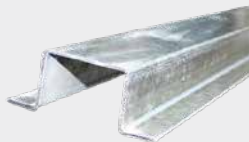
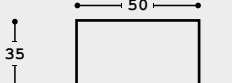
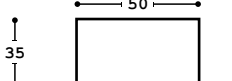
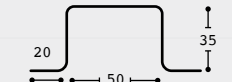
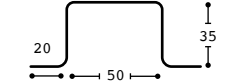
FIXINGS

	CODE	NAME	DESCRIPTION	UNIT QUANTITY
	FW1016	Self Drilling Wafer Tek Phillips 10-16 x 16mm	For fixing S Battens to Top Hats and attaching Top Hats to framing. Class 3 Galvanised. Box 1000 Pcs.	Box of 1000
	FR48	4.8mm x 11.4mm Pop Rivets	For fixing the trims to the Stryum aluminium facade panels. Box 1000 Pcs.	Box of 1000

SUB-FRAMING ACCESSORIES

	CODE	NAME	DESCRIPTION	UNIT QUANTITY
	S2535PS	35mm Steel S Batten Ventilated 2.9m 	S Batten serves as a steel substrate for the Stryüm panels. The new S Batten perforated side wall keeps cavity ventilated and prevents moisture pooling in horizontal application. Linear Panel Grade: G550 Thickness: 1.15 BMT Coating: Z275	1
	S2535PL	35mm Steel S Batten Ventilated 5.8m 	S Batten serves as a steel substrate for the Stryüm panels. The new S Batten perforated side wall keeps cavity ventilated and prevents moisture pooling in horizontal application. Linear Panel Grade: G550 Thickness: 1.15 BMT Coating: Z275	1
	T5015S	15mm Steel Top Hat 2.9m 	Galvanised Top Hat used as cladding substrate. Grade: G2 Steel Coating: Z 275 Thickness: 1.15BMT	1
	T5015L	15mm Steel Top Hat 5.8m 	Galvanised Top Hat used as cladding substrate. Grade: G2 Steel Coating: Z 275 Thickness: 1.15BMT	1
	T5024S	24mm Steel Top Hat 2.9m 	Galvanised Top Hat used as cladding substrate. Grade: G2 Steel Coating: Z 275 Thickness: 1.15BMT	1

SUB-FRAMING ACCESSORIES

	CODE	NAME	DESCRIPTION	UNIT QUANTITY
	T5024L	24mm Steel Top Hat 5.8m 	Galvanised Top Hat used as cladding substrate. Grade: G2 Steel Coating: Z 275 Thickness: 1.15BMT	1
	T5024PS	24mm Steel Top Hat Ventilated 2.9m  50X24X20 TOP HAT - DIA 12 MM WITH 44 PITCH	Galvanised Top Hat used as cladding substrate. Grade: G2 Steel Coating: Z 275 Thickness: 1.15BMT	1
	T5024PL	24mm Steel Top Hat Ventilated 5.8m  50X24X20 TOP HAT - DIA 12 MM WITH 44 PITCH	Galvanised Top Hat used as cladding substrate. Grade: G2 Steel Coating: Z 275 Thickness: 1.15BMT	1
	T5035S	35mm Steel Top Hat 2.9m 	Galvanised Top Hat used as cladding substrate. Grade: G2 Steel Coating: Z 275 Thickness: 1.15BMT	1
	T5035L	35mm Steel Top Hat 5.8m 	Galvanised Top Hat used as cladding substrate. Grade: G2 Steel Coating: Z 275 Thickness: 1.15BMT	1
	T5035PS	35mm Steel Top Hat Ventilated 2.9m  50X35X20 TOP HAT - DIA 20 MM WITH 72 PITCH	Galvanised Top Hat used as cladding substrate. Grade: G2 Steel Coating: Z 275 Thickness: 1.15BMT	1
	T5035PL	35mm Steel Top Hat Ventilated 5.8m  50X35X20 TOP HAT - DIA 20 MM WITH 72 PITCH	Galvanised Top Hat used as cladding substrate. Grade: G2 Steel Coating: Z 275 Thickness: 1.15BMT	1

*For projects in cyclonic areas, please contact a FV product specialist.

CAULKING

	CODE	NAME	DESCRIPTION	UNIT QUANTITY
	CAM41B	Admil Prosil 41LM – Black – 600mL Sausage	Low modulus, high movement, matt finish silicone, designed for weather sealing cladding expansion joints. 600ML sausage	20
	CAM41W	Admil Prosil 41LM – White - 600mL Sausage	Low modulus, high movement, matt finish silicone, designed for weather sealing cladding expansion joints. 600ML sausage	20
	CAM41G	Admil Prosil 41LM – Grey - 600mL Sausage	Low modulus, high movement, matt finish silicone, designed for weather sealing cladding expansion joints. 600ML sausage	20

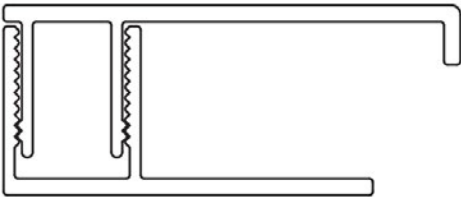
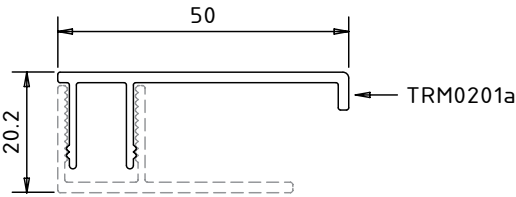
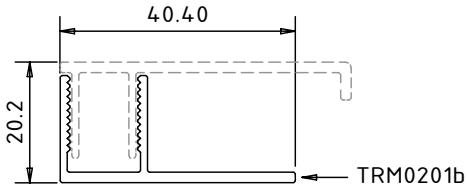
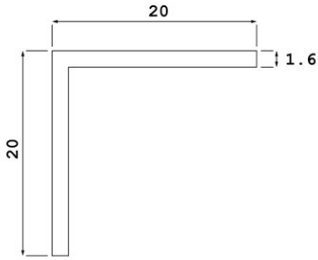
INSULATION

	CODE	PRODUCT	R-VALUE [M2K/W] ROUNDED TO 0.05	THICKNESS [MM]	DENSITY [KG/ M3]	PACK M2	PACKS/ PALLET
	RSS3502512	ROCKWOOL™ Safe'n'Silent Pro350 1200 x 600 x 25mm 12/PAC	0.70	25	60	8.64	12
	RSS350506	ROCKWOOL™ Safe'n'Silent Pro350 1200 x 600 x 50mm 6/PAC	1.45	50	60	4.32	12
	RSS350754	ROCKWOOL™ Safe'n'Silent Pro350 1200 x 600 x 75mm 4/PAC	2.15	75	60	2.88	12
	RSS3501003	ROCKWOOL™ Safe'n'Silent Pro350 1200 x 600 x 100mm 3/PAC	2.85	100	60	2.16	12
	RRS9502512	ROCKWOOL™ Rainscreen SL950 1200 x 600 x 25mm 12/PAC	0.70	25	80	8.64	12
	RRS950388	ROCKWOOL™ Rainscreen SL950 1200 x 600 x 38mm 8/PAC	1.10	38	80	5.76	12
	RRS950506	ROCKWOOL™ Rainscreen SL950 1200 x 600 x 50mm 6/PAC	1.45	50	80	4.32	12
	RRS950754	ROCKWOOL™ Rainscreen SL950 1200 x 600 x 75mm 4/PAC	2.15	75	80	2.88	12
	RRS9501003	ROCKWOOL™ Rainscreen SL950 1200 x 600 x 100mm 3/PAC	2.85	100	80	2.16	12

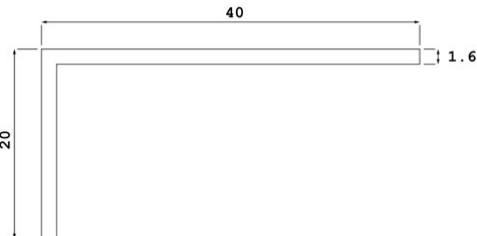
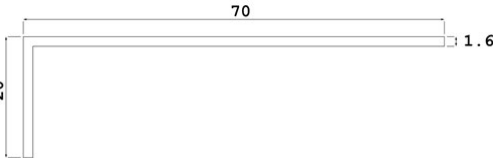
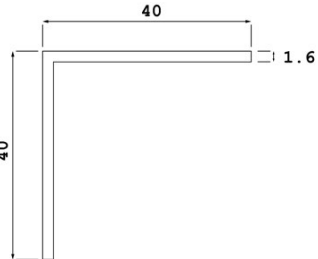
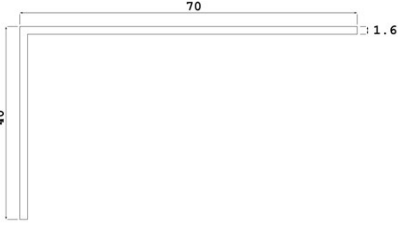
OTHER SIZES/THICKNESSES ARE AVAILABLE ON REQUEST. PLEASE CONTACT THE FAIRVIEW TEAM FOR MORE INFORMATION

7.3 TRIMS

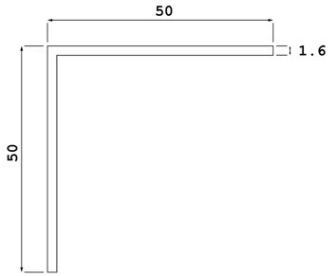
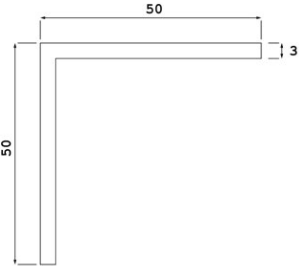
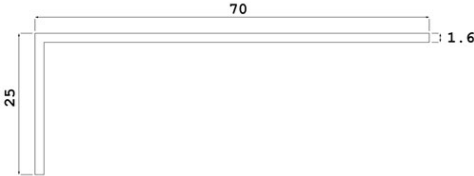
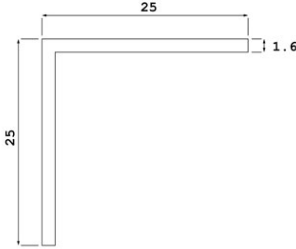
UNIVERSAL TRIMS

DESCRIPTION	CODE	DIAGRAM	USED ON
Stop End (Two-Piece)			All profiles
Stop End Male	TRM0201a		All profiles
Stop End Female	TRM0201b	 TRM0201b will be supplied in a mill finish as standard. Please contact the Fairview team if a powder coat finish is required.	All profiles
20X20X1.6 Angle	TRM0501		All profiles

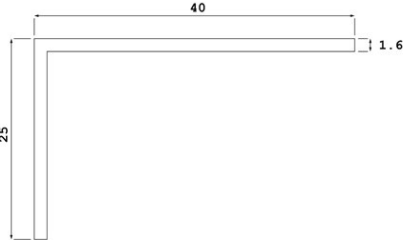
UNIVERSAL TRIMS

DESCRIPTION	CODE	DIAGRAM	USED ON
20X40X1.6 Angle	TRM0502		All profiles
20X70X1.6 Angle	TRM0503		All profiles
40X40X1.6 Angle	TRM0504		All profiles
40X70X1.6 Angle	TRM0505		All profiles

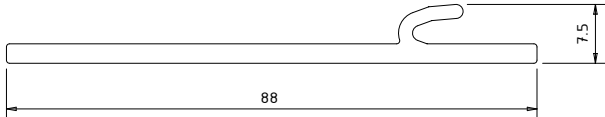
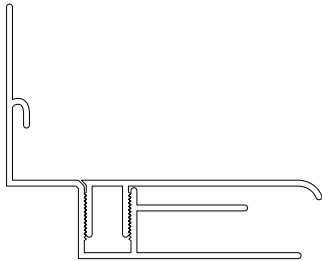
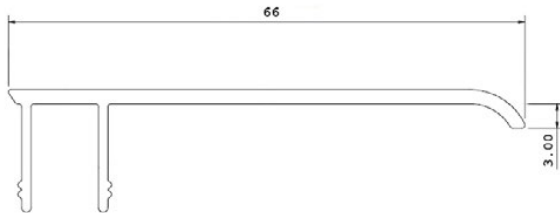
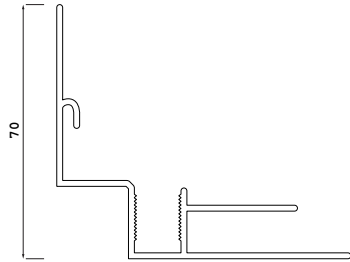
UNIVERSAL TRIMS

DESCRIPTION	CODE	DIAGRAM	USED ON
50X50X1.6 Angle	TRM0506		All profiles
50x50x3 Angle	TRM0507		All profiles
25x70x1.6 Angle	TRM0508		All profiles
25x25x1.6 Angle	TRM0509		All profiles

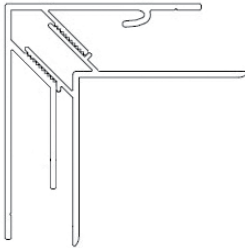
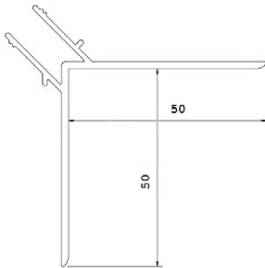
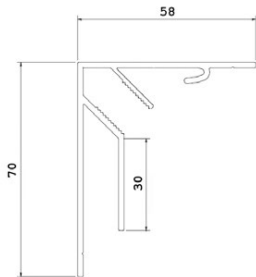
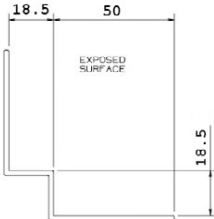
UNIVERSAL TRIMS

DESCRIPTION	CODE	DIAGRAM	USED ON
25x40x1.6 Angle	TRM0510		All profiles
50x125x3 Angle	TRM0511		All profiles

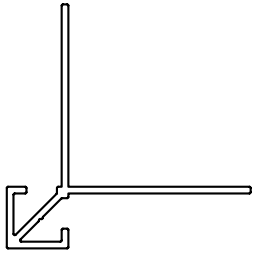
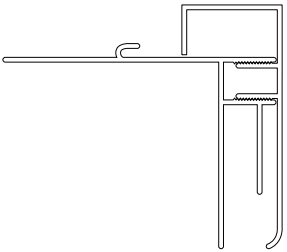
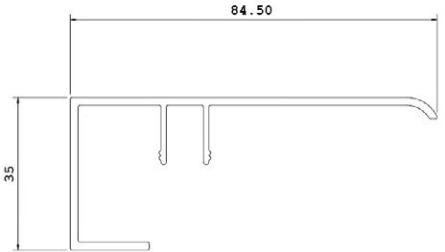
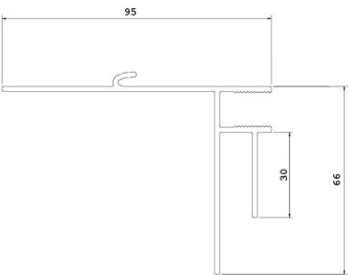
SHADOW TRIMS

DESCRIPTION	CODE	DIAGRAM	USED ON
Shadow Starter Strip	TRM1101		Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Shadow Vertical Internal Shadowline Corner (Two piece)			Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Shadow Vertical Internal Shadowline Corner (Male)	TRM1301a		Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Vertical Internal Shadowline Corner (Female)	TRM1301b		Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95

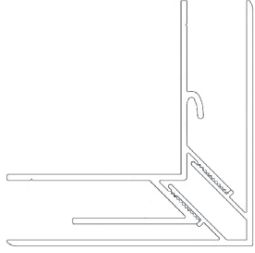
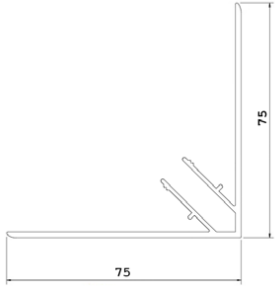
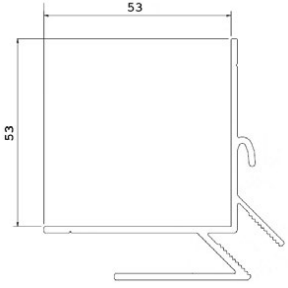
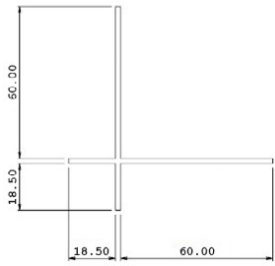
SHADOW TRIMS

DESCRIPTION	CODE	DIAGRAM	USED ON
Shadow Vertical Internal Cap Corner (Two piece)			Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Shadow Vertical Internal Cap Corner (Male)	TRM1302a		Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Shadow Vertical Internal Cap Corner (Female)	TRM1302b	 TRM1302b will be supplied in a mill finish as standard. Please contact the Fairview team if a powder coat finish is required.	Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Shadow W Section	TRM1303		Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95

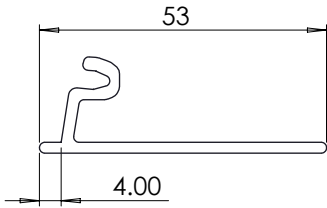
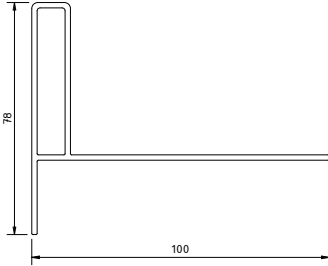
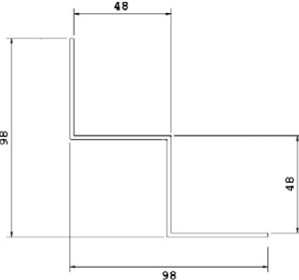
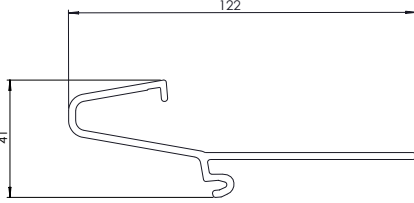
SHADOW TRIMS

DESCRIPTION	CODE	DIAGRAM	USED ON
Shadow Box External Corner	TRM1401		Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Shadow Vertical External Shadowline Corner (Two piece)			Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Shadow Vertical External Shadowline Corner (Male)	TRM1403a		Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Shadow Vertical External Shadowline Corner (Female)	TRM1403b		Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95

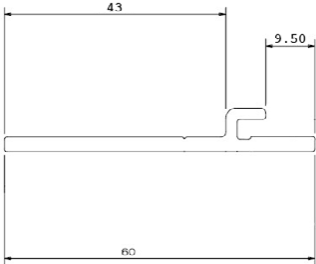
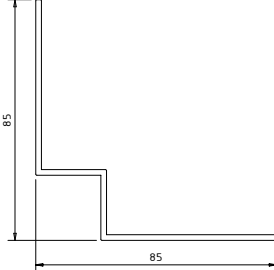
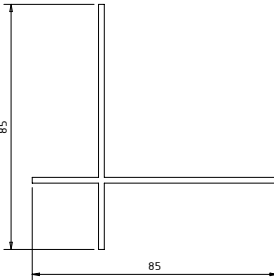
SHADOW TRIMS

DESCRIPTION	CODE	DIAGRAM	USED ON
Shadow Vertical External Cover Corner (Two piece)			Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Shadow Vertical External Cover Corner (Male)	TRM1404a		Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Shadow Vertical External Cover Corner (Female)	TRM1404b	 TRM1404b will be supplied in a mill finish as standard. Please contact the Fairview team if a powder coat finish is required.	Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95
Shadow X Section	TRM1405		Shadow 160 Shadow 200 Shadow 300 Shadow 90/90 Shadow 170/95

SEAM TRIMS

DESCRIPTION	CODE	DIAGRAM	USED ON
Seam Starter Strip	TRM4101		Seam 260 Seam 130/130
Seam Foot Mould	TRM4201		Seam 260 Seam 130/130
Seam W Section	TRM4301		Seam 260 Seam 130/130
Seam External Corner	TRM4401		Seam 260 Seam 130/130

STEP TRIMS

DESCRIPTION	CODE	DIAGRAM	USED ON
Step Starter Strip	TRM5101		Step 250
Step W Section	TRM5301		Step 250
Step X Section	TRM5401		Step 250

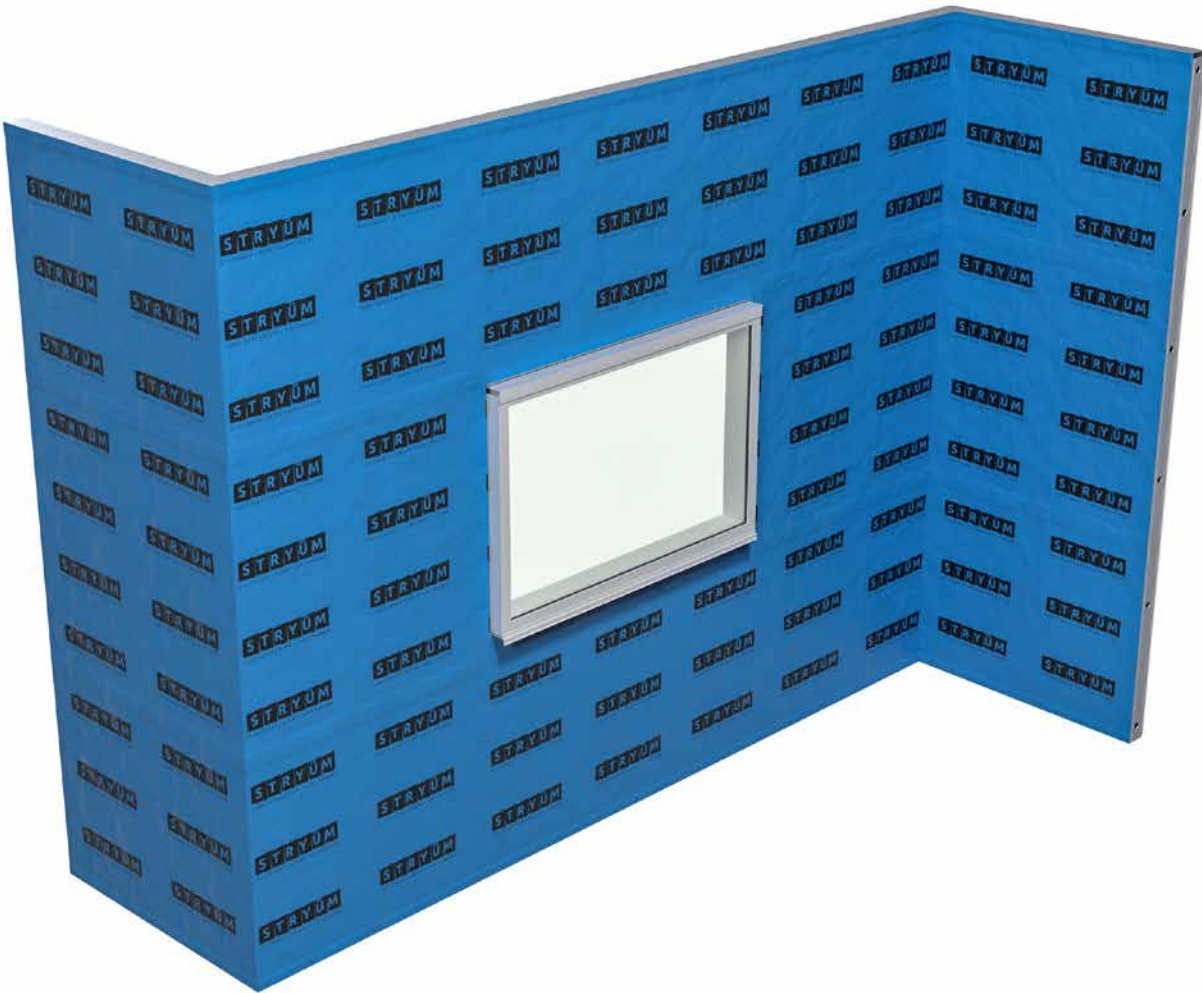
8. SHADOW VERTICAL

8.1 INSTALLATION GUIDE

SHADOW VERTICAL – INSTALLATION GUIDE

Please ensure you review the complete Stryüm Shadow Vertical details in section 7.3 to ensure you order all the required trims, the following step by step is a guide only

STEP 1 – WATERPROOF MEMBRANE

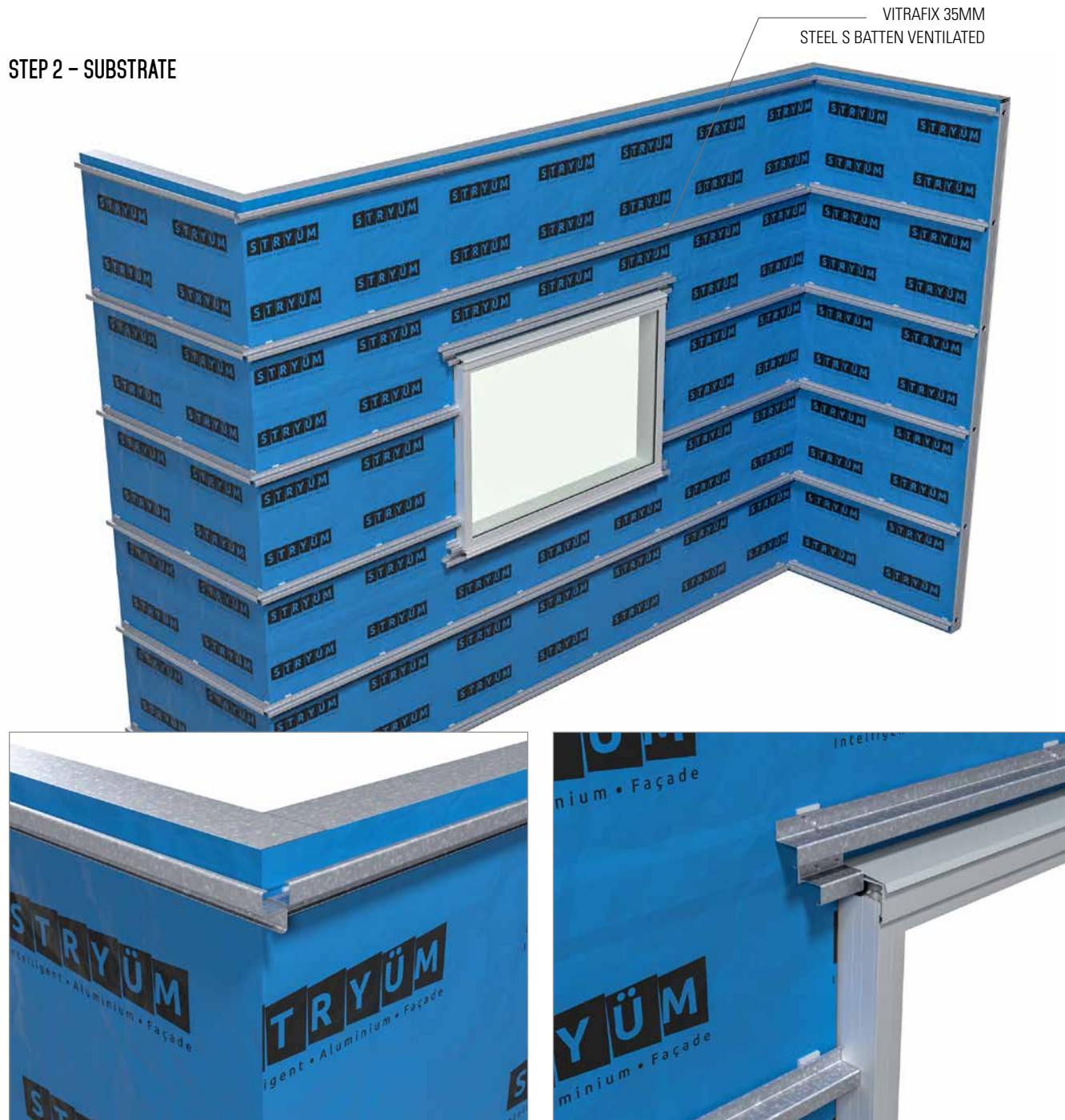


As Stryüm is a rainscreen façade, a weathertight membrane must be installed over the supporting wall. This membrane needs to meet the project specific requirements for weathertightness and be installed as per manufacturers guidelines. All penetrations through the membrane must be sealed.

*Refer to section 7 for the full list of membranes and accessories available to suit this installation detail.

STEP 2 – SUBSTRATE

VITRAFIX 35MM
STEEL S BATTEN VENTILATED



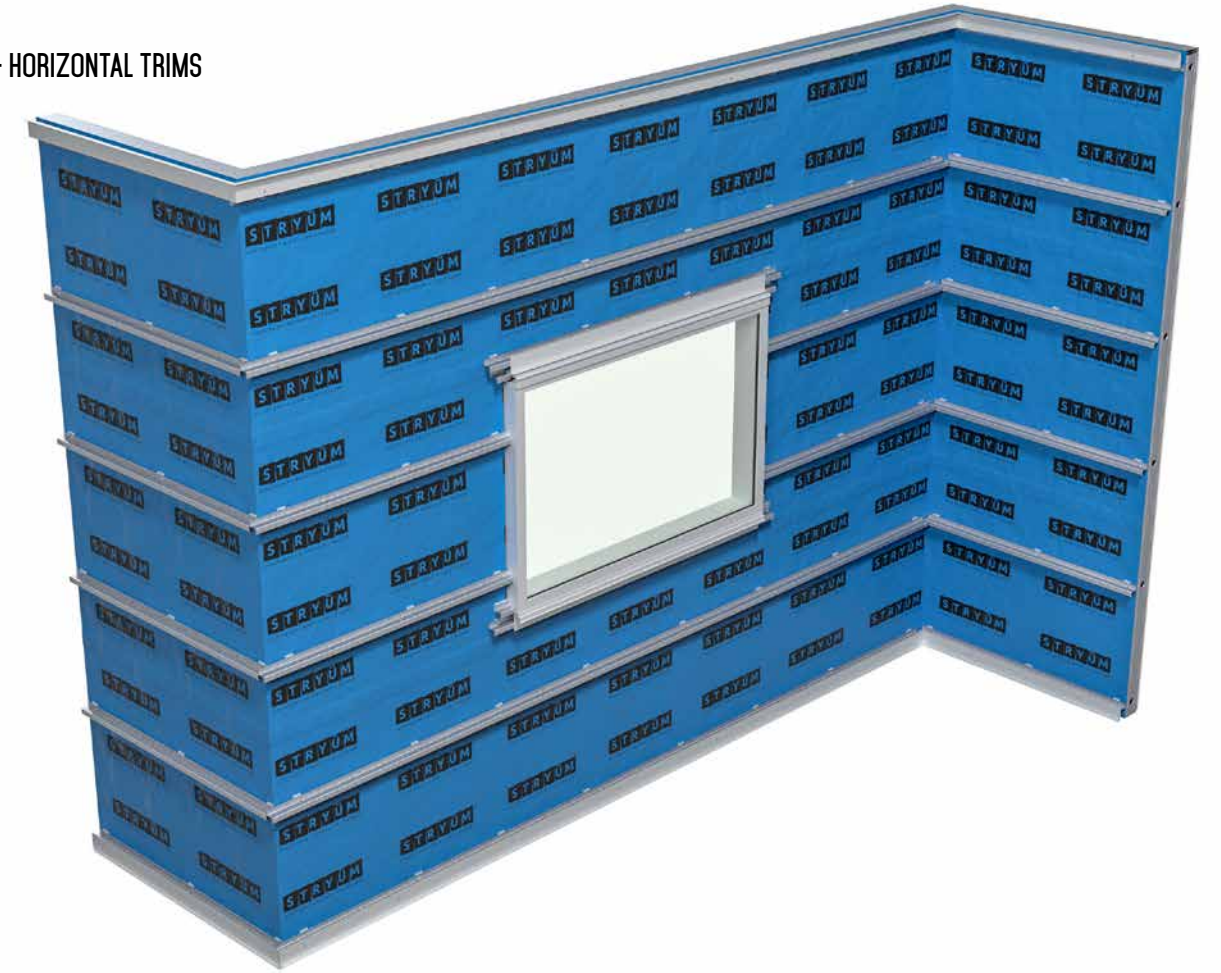
Packers for a plumb substrate and ventilation need to be installed as required prior to the installation of the Vitrafix 35mm Ventilated Steel S Battens.

Install Install Vitrafix 35mm Ventilated Steel S Batten substrate horizontally. The substrate needs to be level to ensure the cladding is flat once installed. Any imperfections in this substrate will be highlighted once the panels are installed.

Vitrafix 35mm Ventilated Steel S Battens are installed at maximum 600mm centres. Project specific requirements may dictate shorter span lengths.

Refer to section 7 for list of accessory and trim options to suit this installation detail.

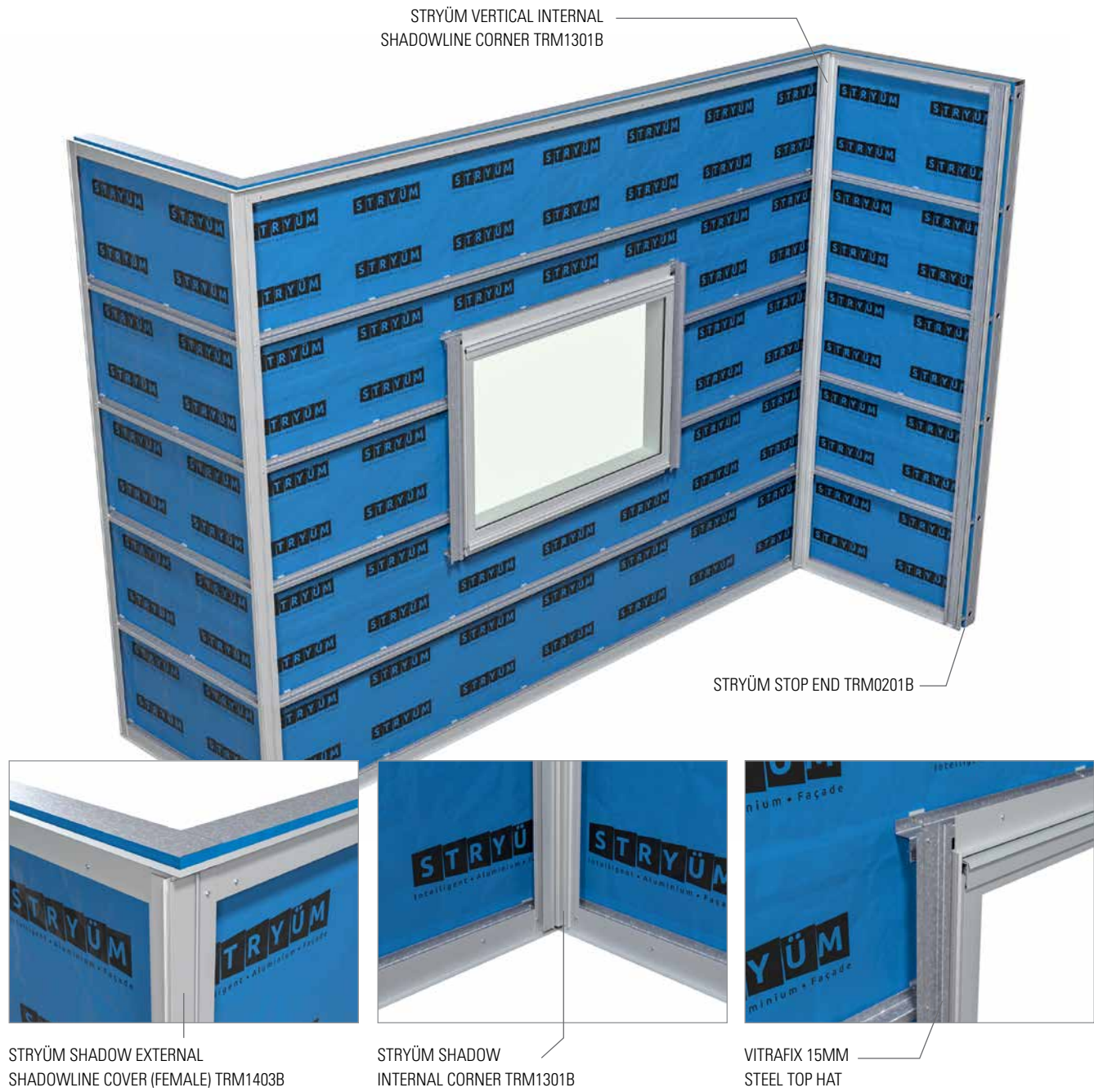
STEP 3 – HORIZONTAL TRIMS



Install the horizontal trims for the cladding, at the top and bottom of the cladding section, above and below any wall penetrations, and at any slab junctions. When installing down to an adjacent flat surface such as a garden bed or pathway, a minimum of 150mm from the ground is recommended to prevent rain splash back dirtying the façade.

Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 4 – VERTICAL TRIMS



Install the vertical trims for the cladding, at the left and right of the cladding section, at either side of any wall penetrations, and at any corners.

Note: the cladding system is designed to be installed continuously around the building. Pick a cladding direction (Left-Right or Right-Left) and maintain this direction across the whole project. If the cladding is being completed in sections, it is important the trims for either side of a cladding zone are installed prior to the cladding being installed to ensure a clean finish.

Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 4 – VERTICAL TRIMS



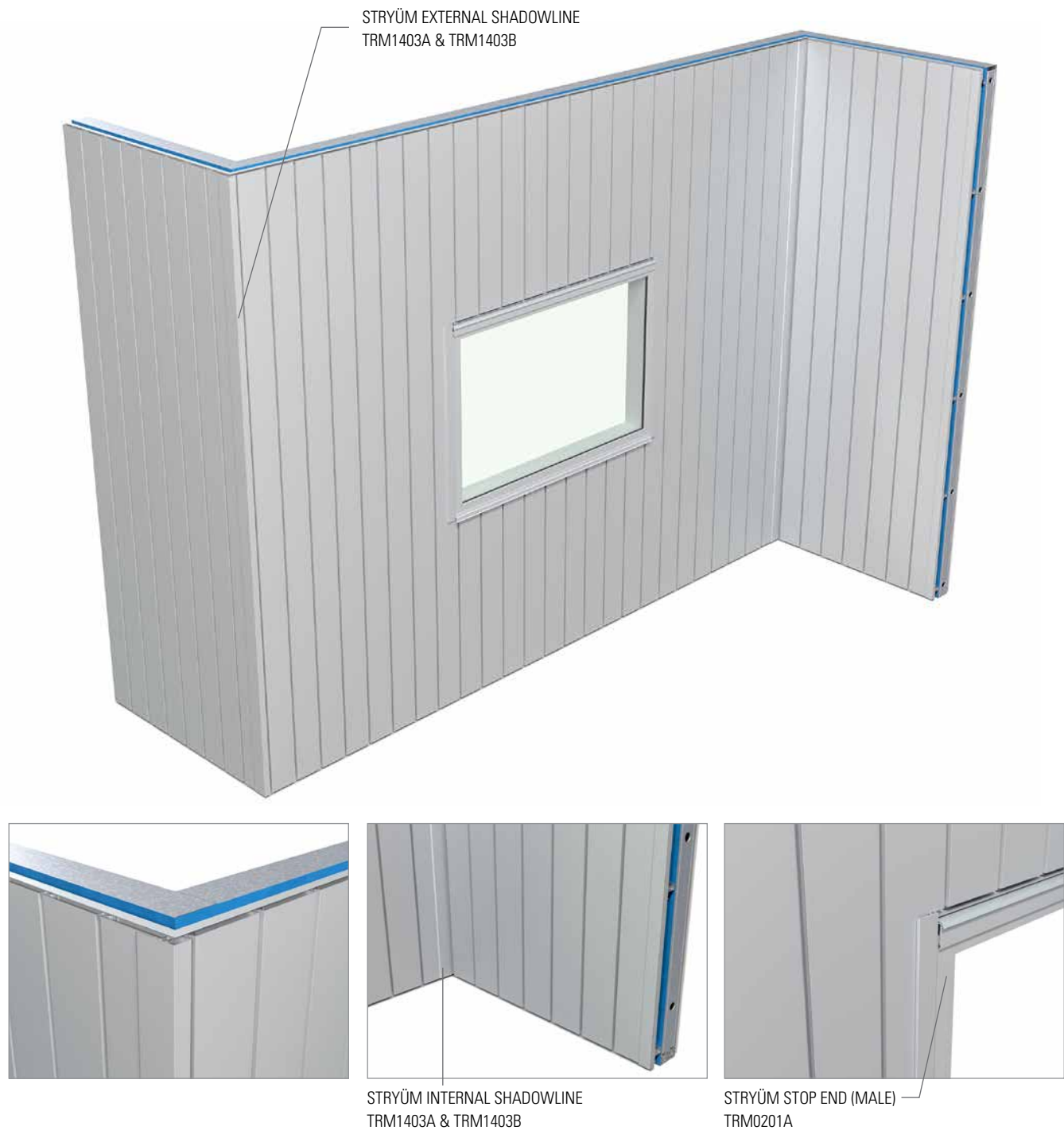
Install the cladding by cutting the panels to length, hooking the panel into the previous panel, and affixing to the Ventilated S Batten. In this diagram the cladding direction chosen is Left-Right.

Due to the rainscreen façade system Stryüm utilizes, a minimum airflow gap of 10mm must be maintained at the top and bottom of the cavity.

Note: there may not be room to install cladding panels around the windows, at internal and external corners and at the end of the cladding zone as per the regular method. These panels will need to be trimmed down the length of the panel and fixed through the face. Use packers as required to bring the face of the panel level with the rest of the façade. These fixing will be concealed with the appropriate cover cap.

ITEMS ON THIS PAGE			
CODE	DESCRIPTION	LENGTH	SUPPLIED BY FAIRVIEW
SH160	Shadow 160	6.5m	•
OR			
SH200	Shadow 200	6.5m	•
OR			
SH300	Shadow 300	6.5m	•
OR			
SH90/90	Shadow 90/90)	6.5m	•
OR			
SH170/95	Shadow 170/95	6.5m	•

STEP 6 – CLIP ON COVER PIECES



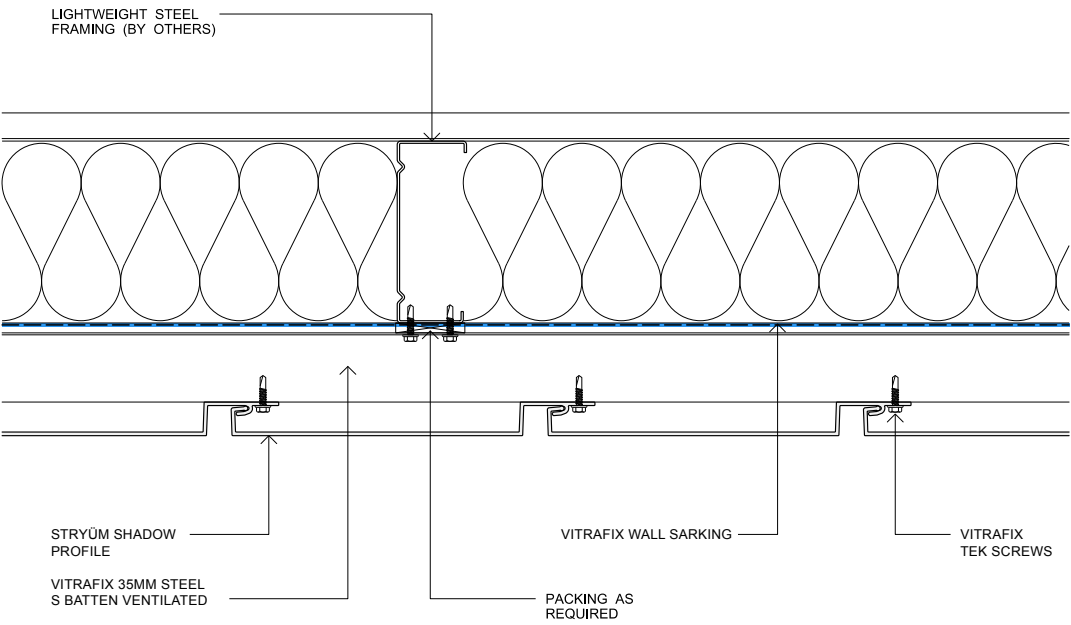
Install the cover sections to the two-piece trims to conceal rivets and cut edges. Push firmly into place, a rubber mallet may be used paying careful attention to the finish. Refer to section 7 for list of accessory and trim options to suit this installation detail.

8. SHADOW VERTICAL

8.2 GENERAL DETAILS

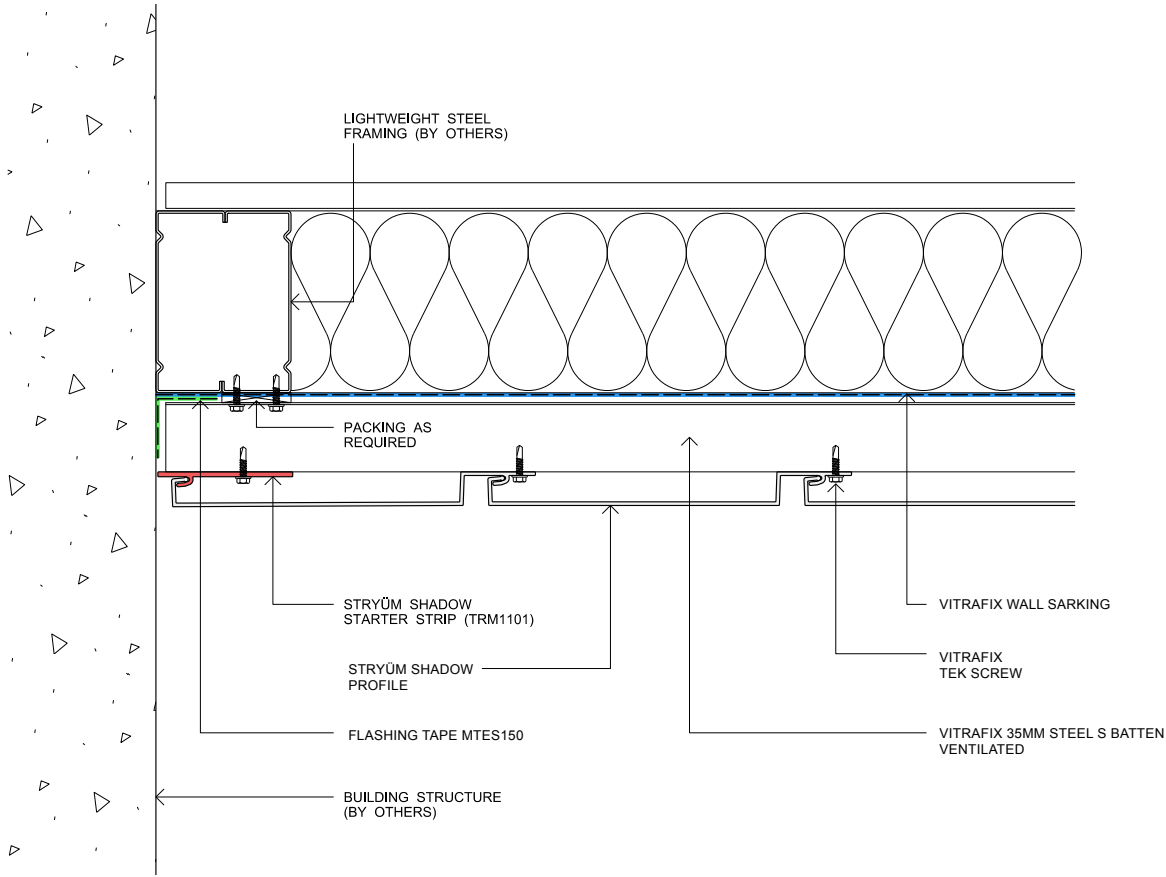
SHADOW VERTICAL – GENERAL DETAILS

SHADOW V PANEL CONNECTION



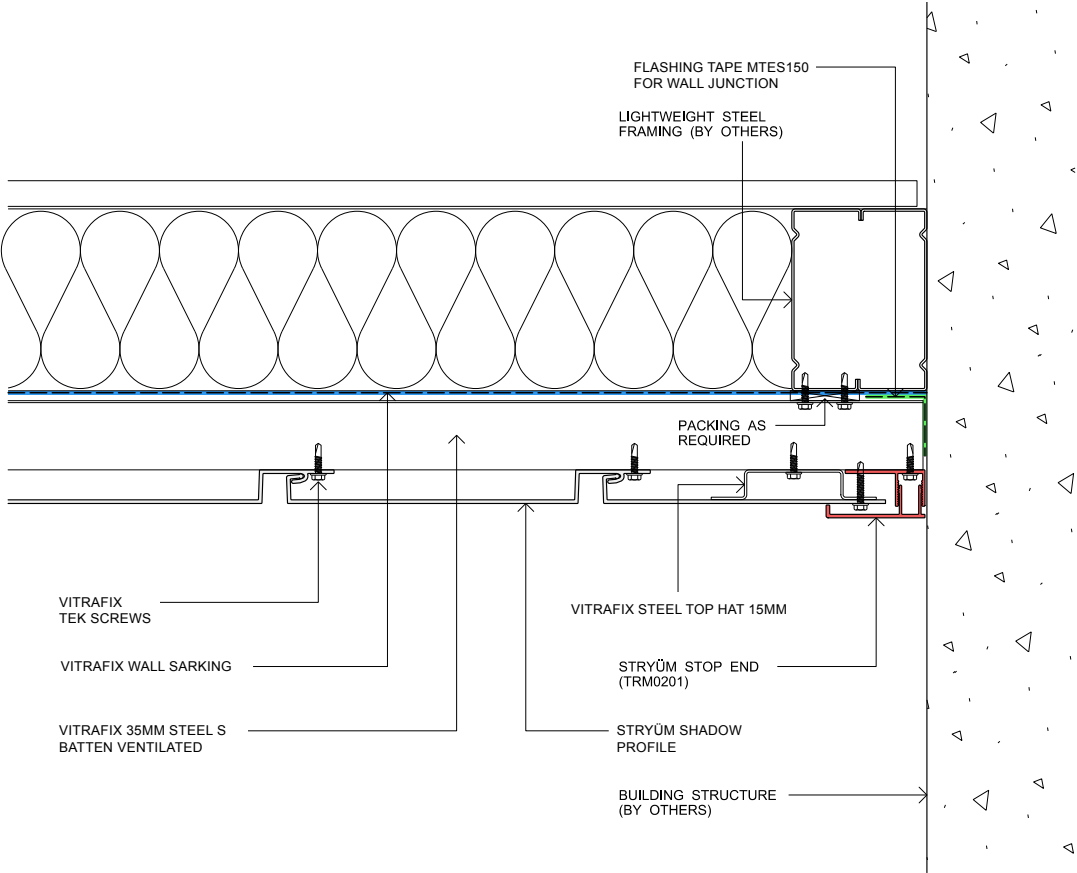
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V PANEL CONNECTION



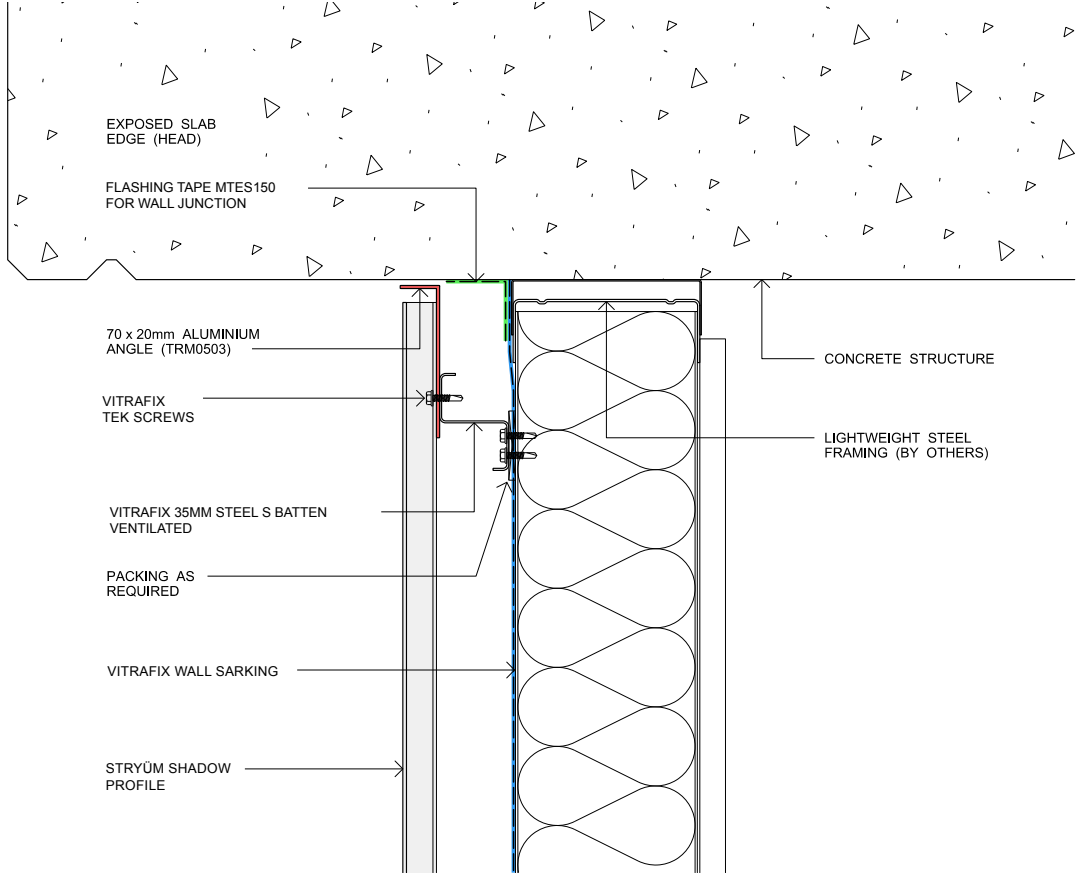
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V PANEL END



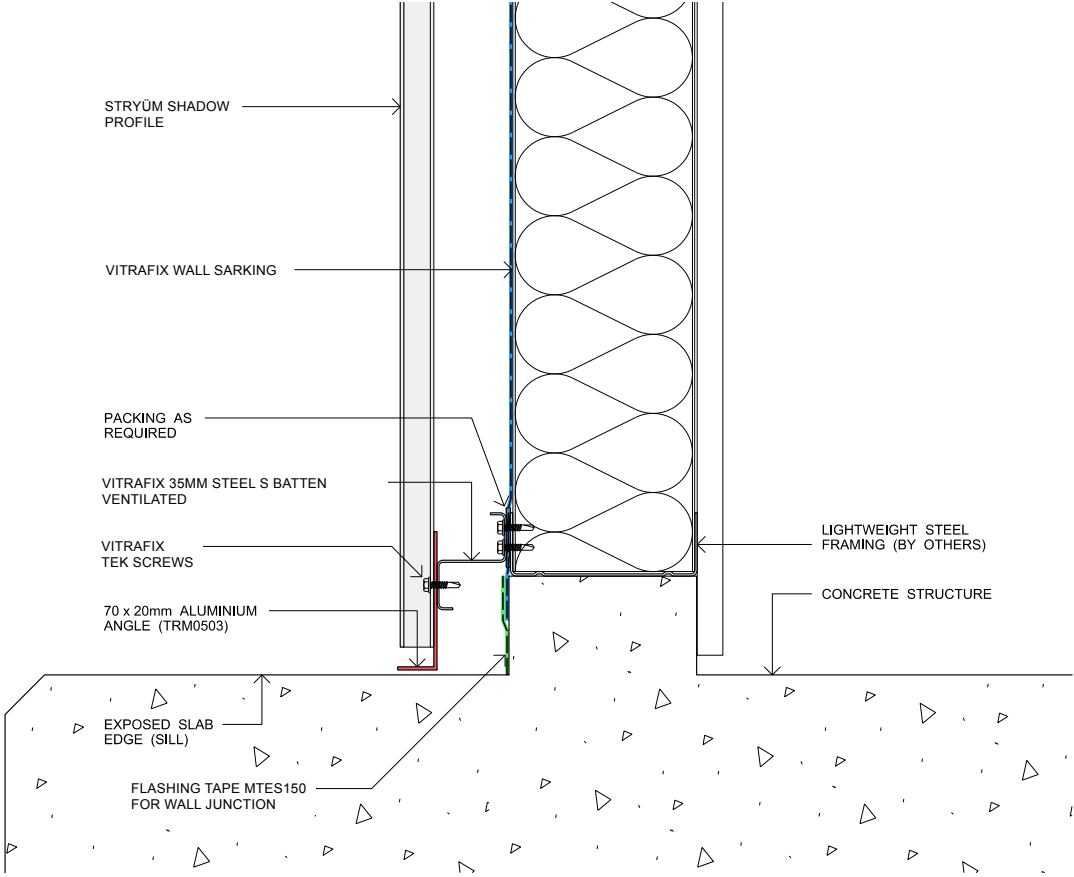
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V HEAD SLAB JUNCTION



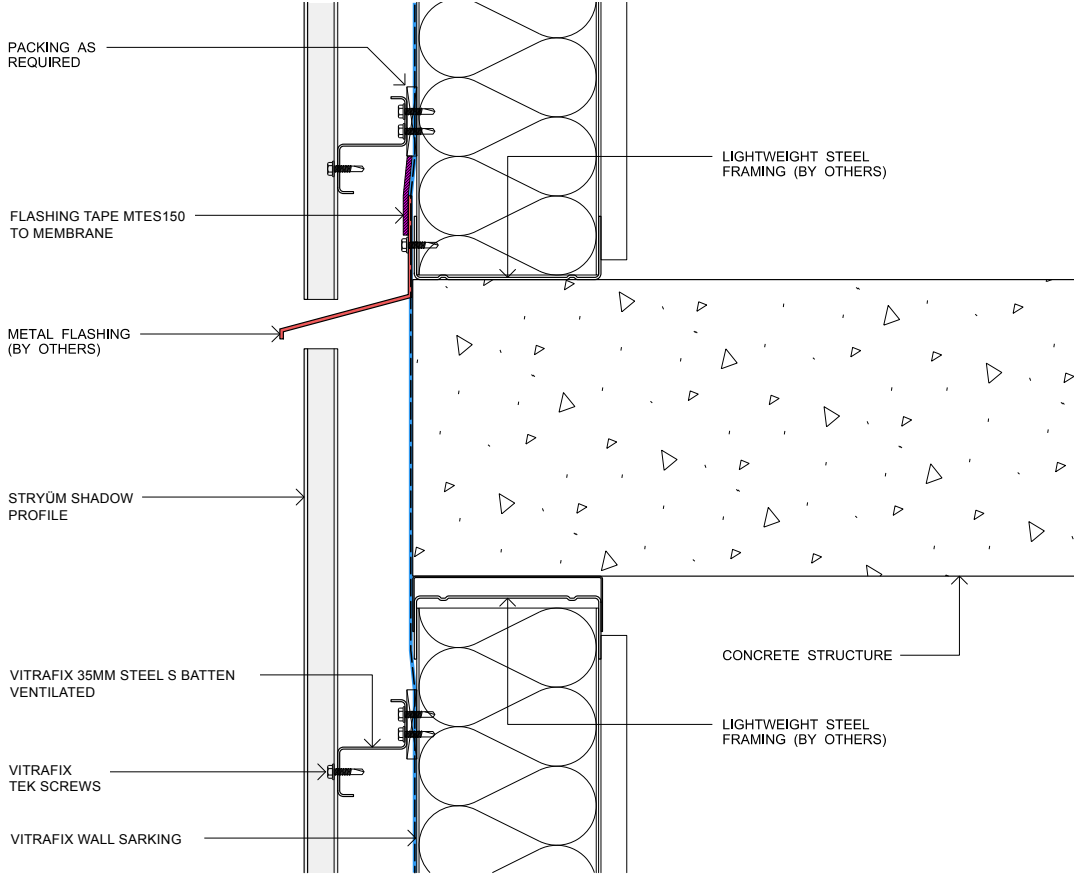
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V BASE SLAB JUNCTION



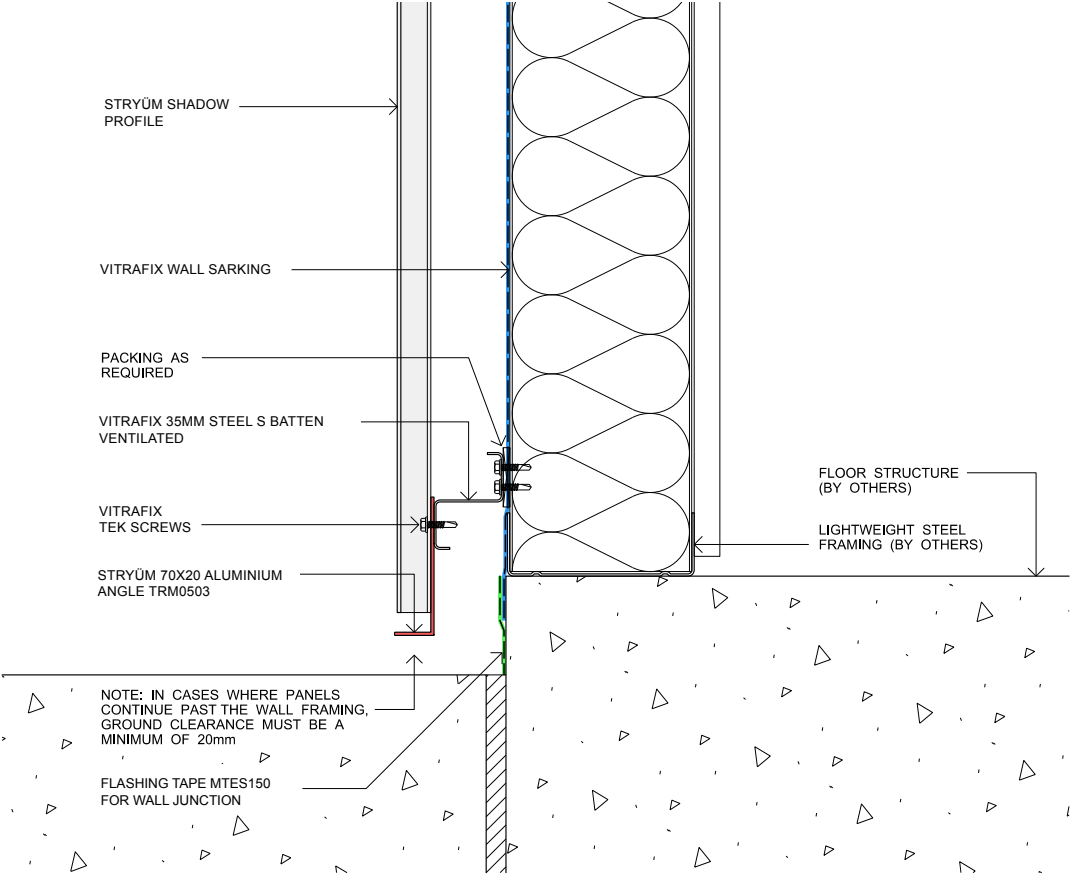
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V SLAB JUNCTION CONCEALED



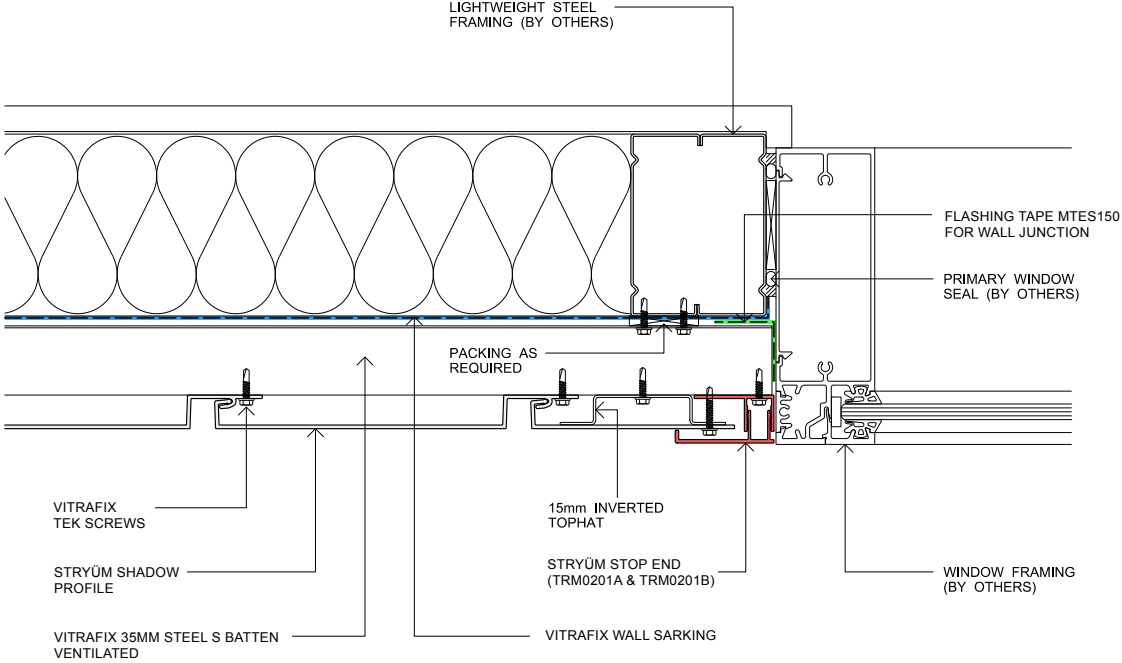
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V PANEL END FLOOR



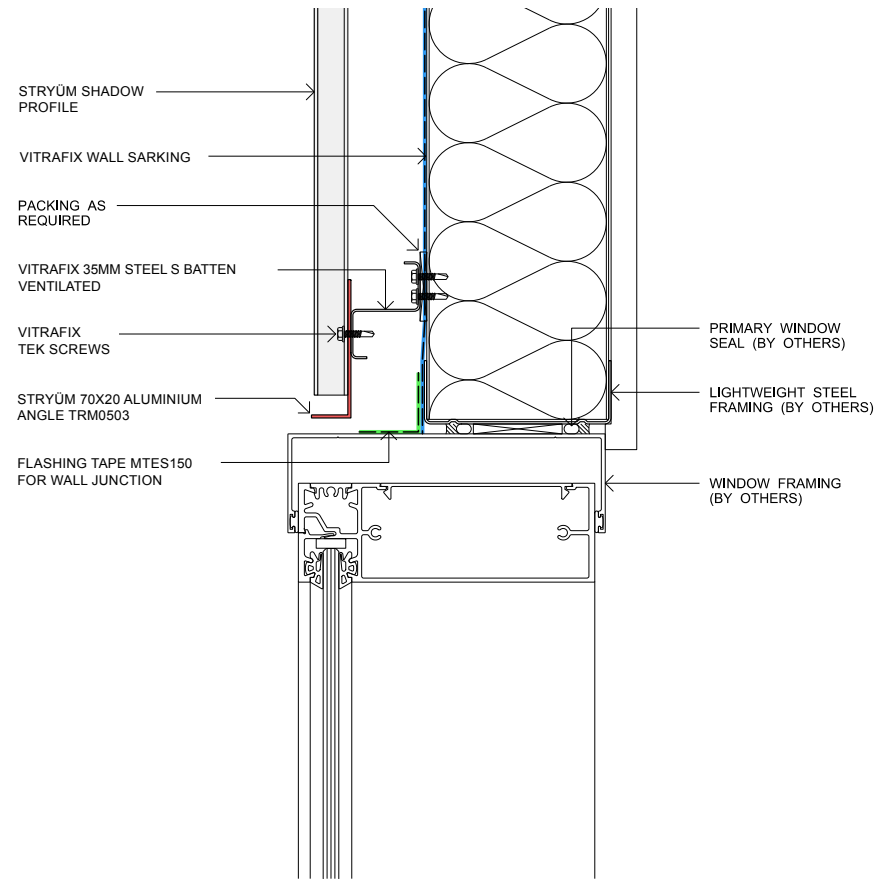
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V WINDOW JAMB



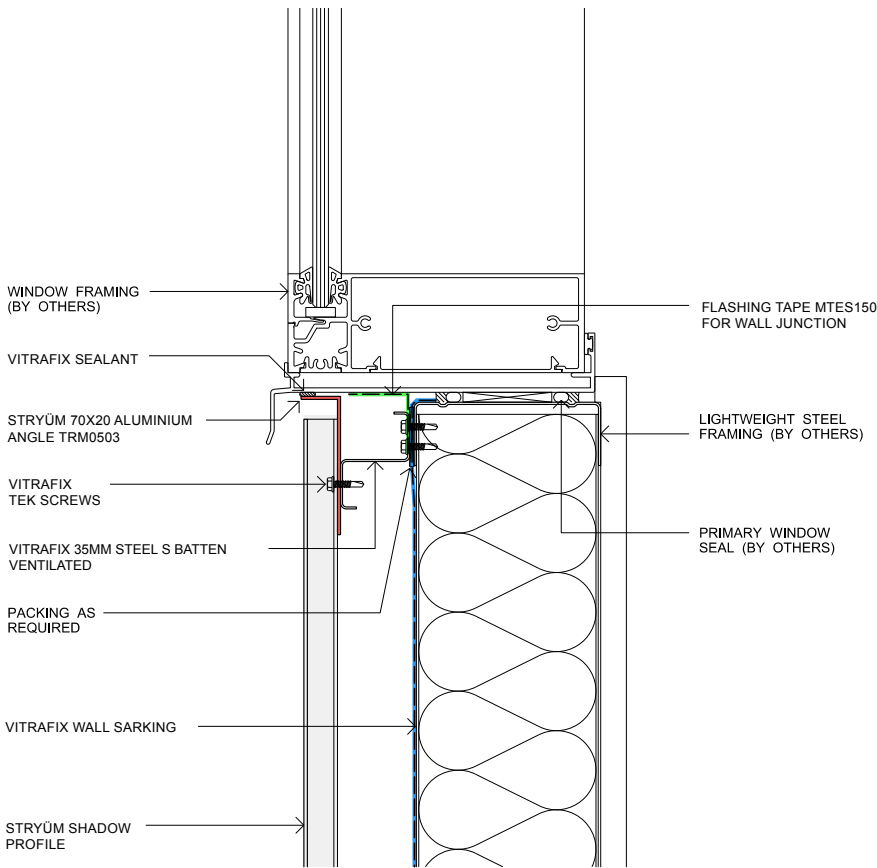
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V WINDOW HEAD



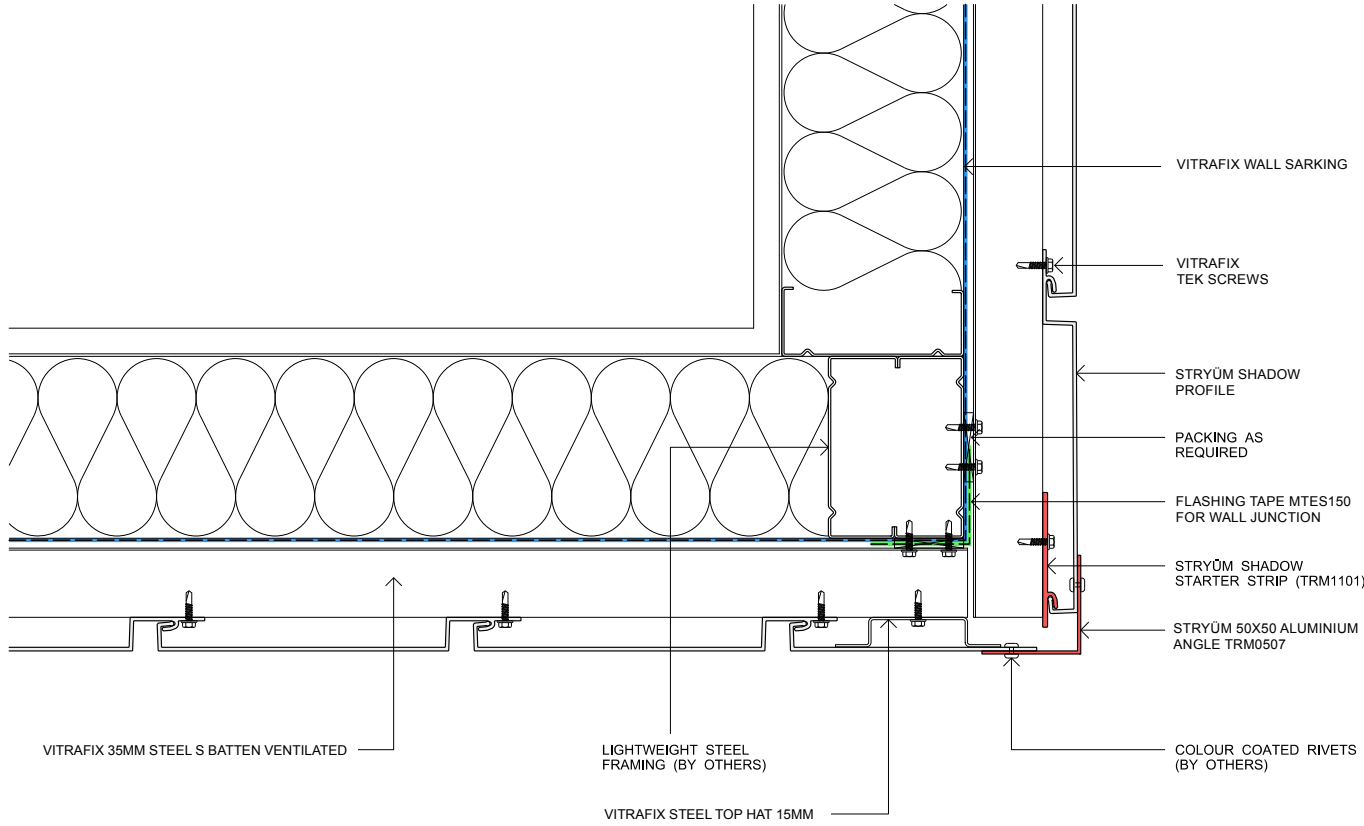
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V WINDOW SILL



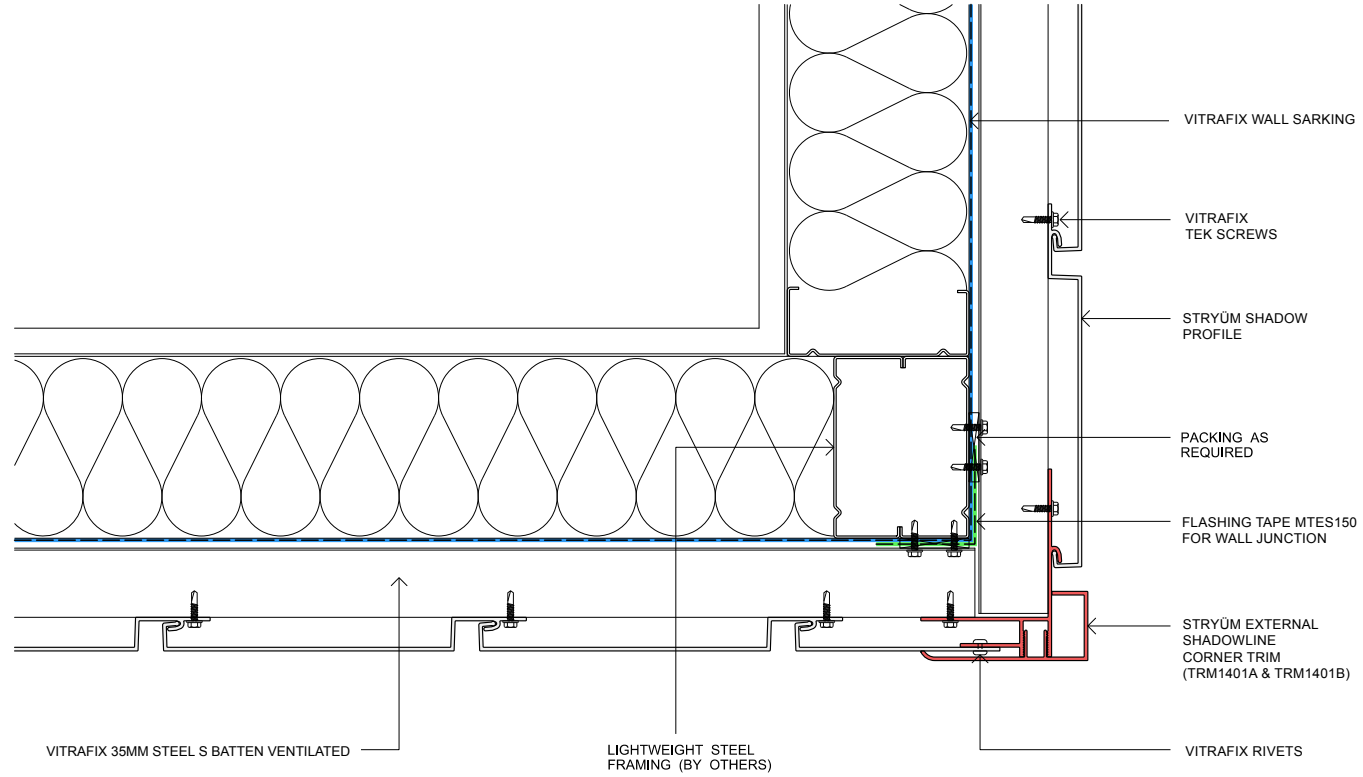
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V EXTERNAL CORNER 1



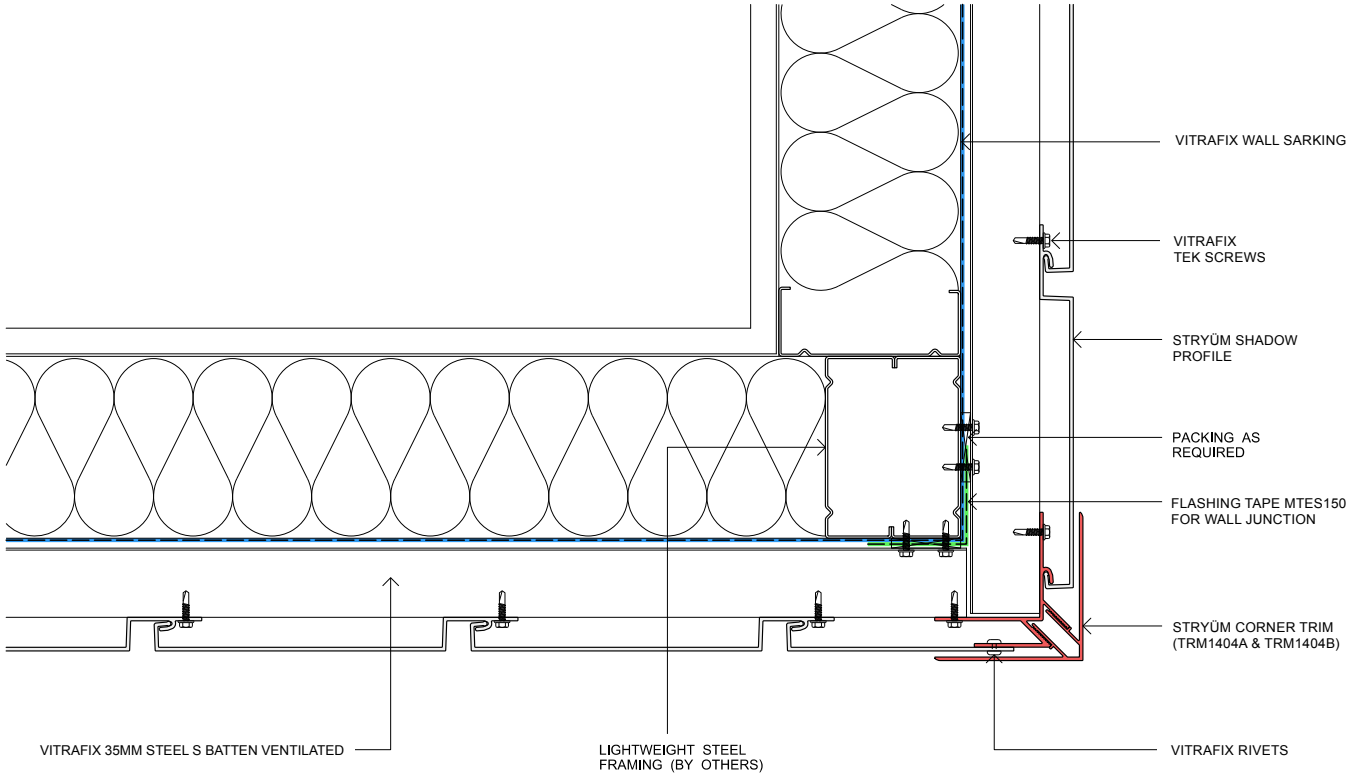
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V EXTERNAL CORNER 2



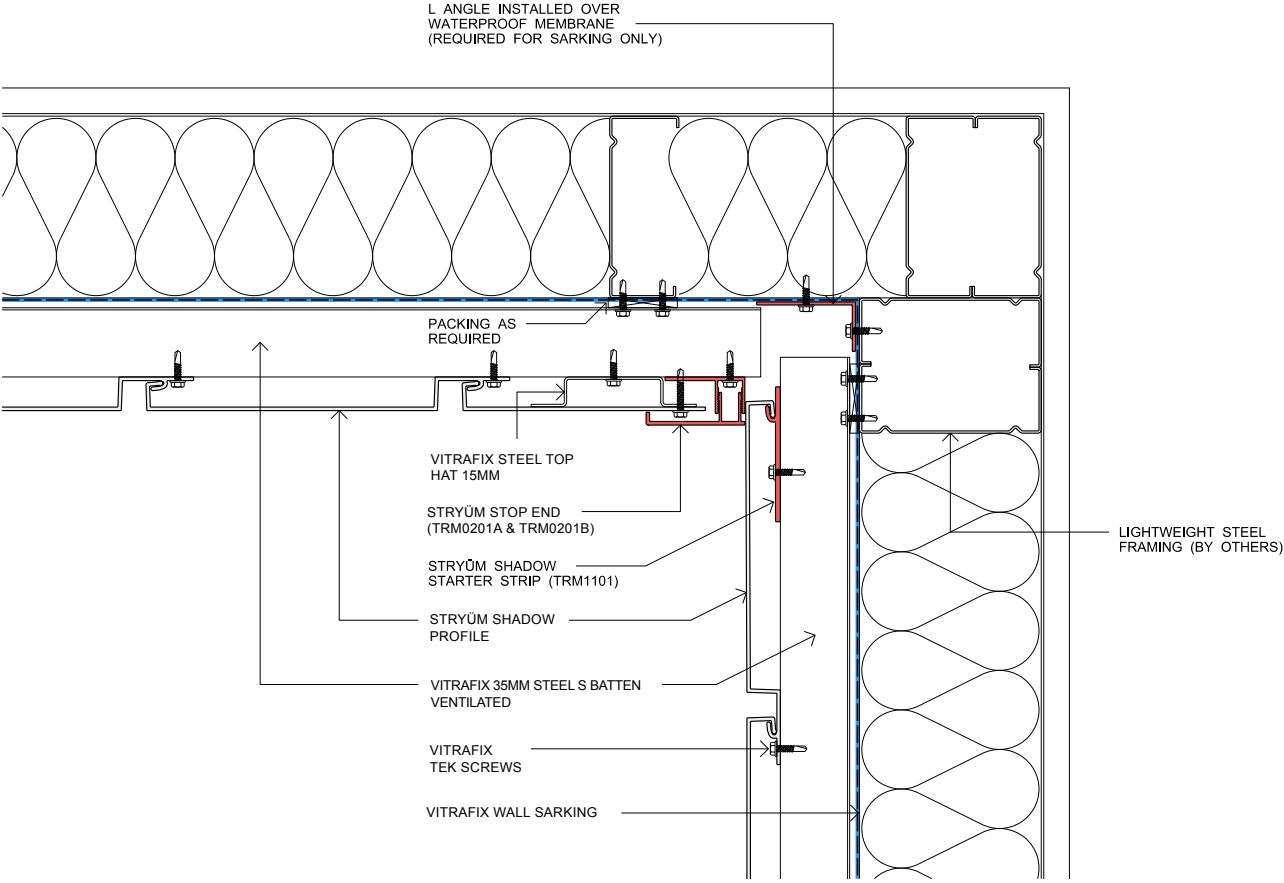
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V EXTERNAL CORNER 3



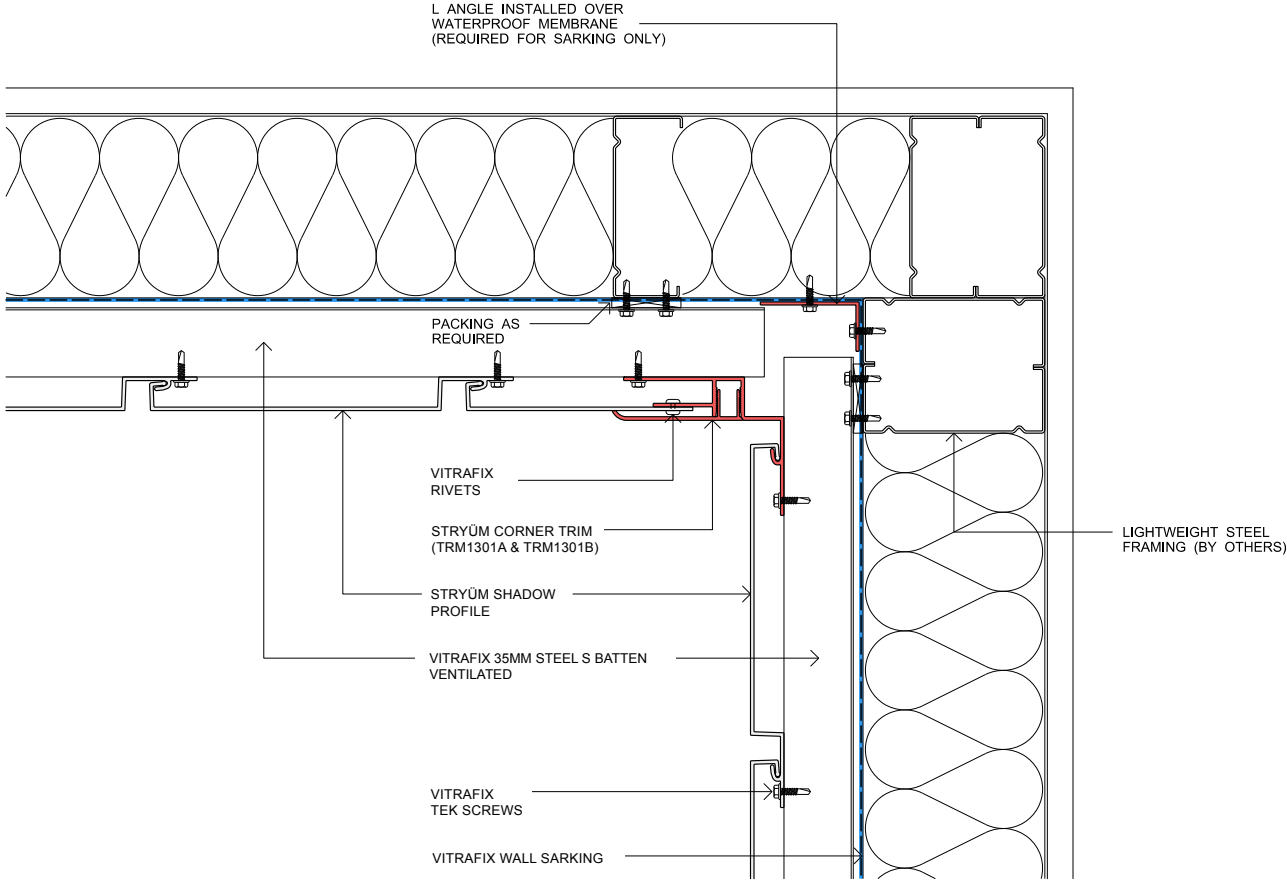
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V INTERNAL CORNER 1



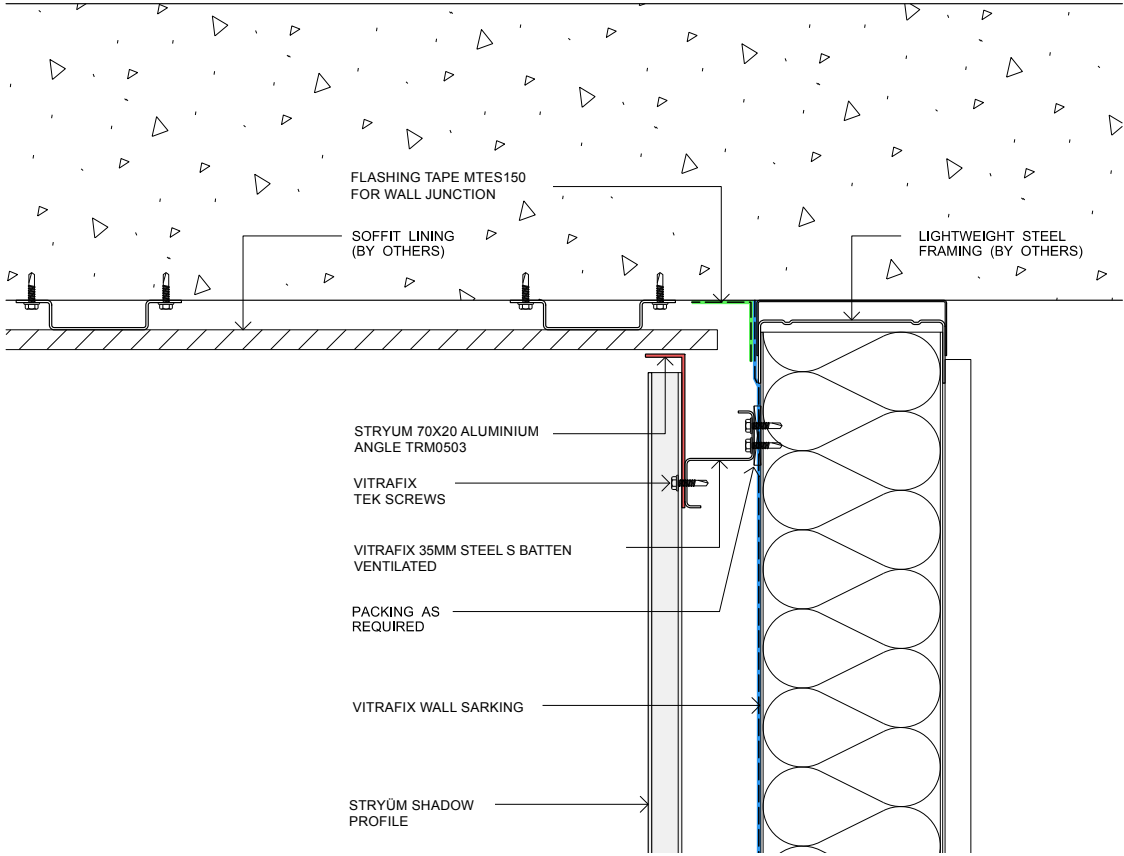
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V INTERNAL CORNER 2



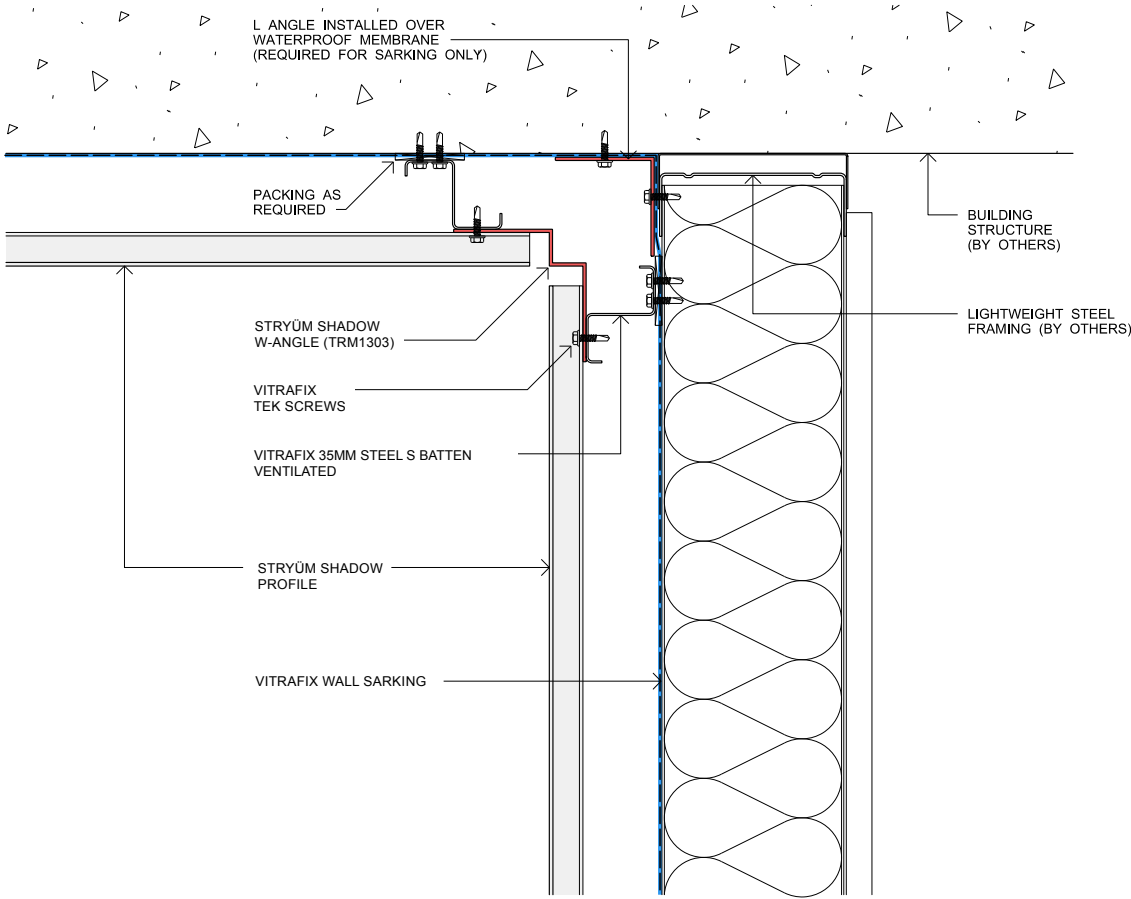
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V SOFFIT



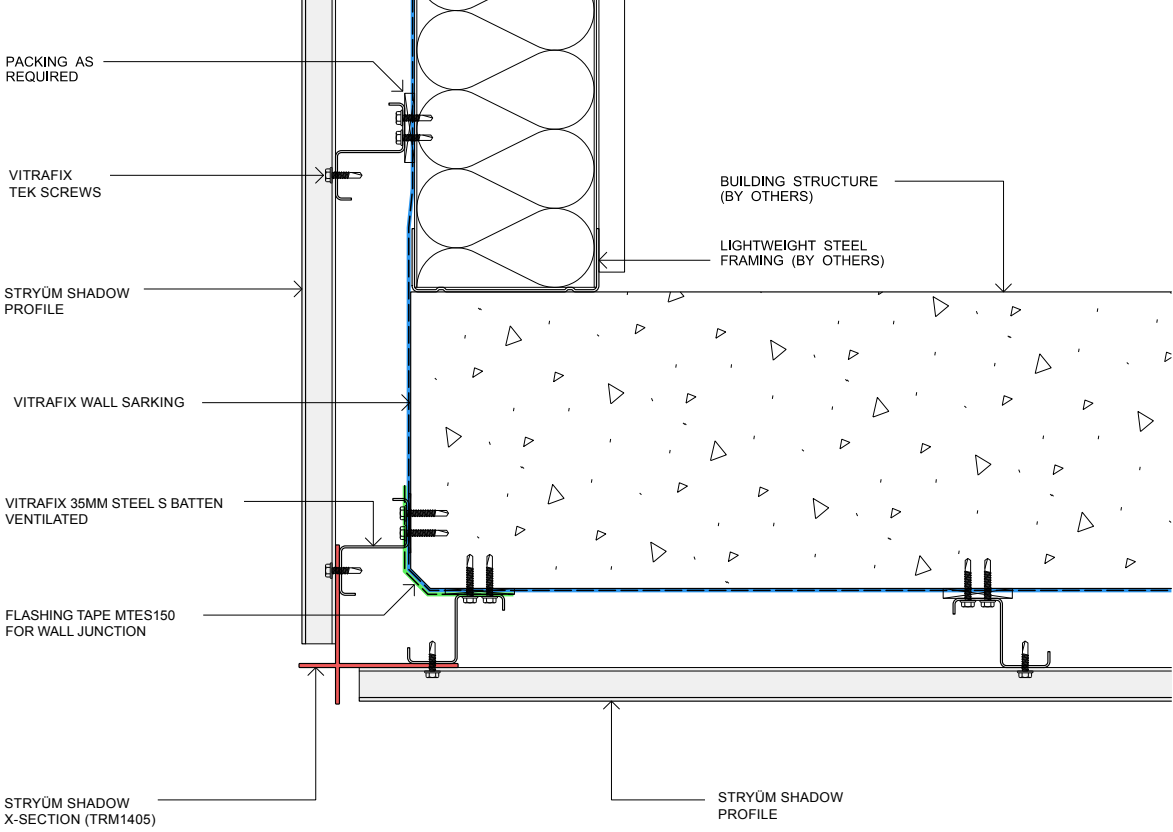
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V SOFFIT JUNCTION 1



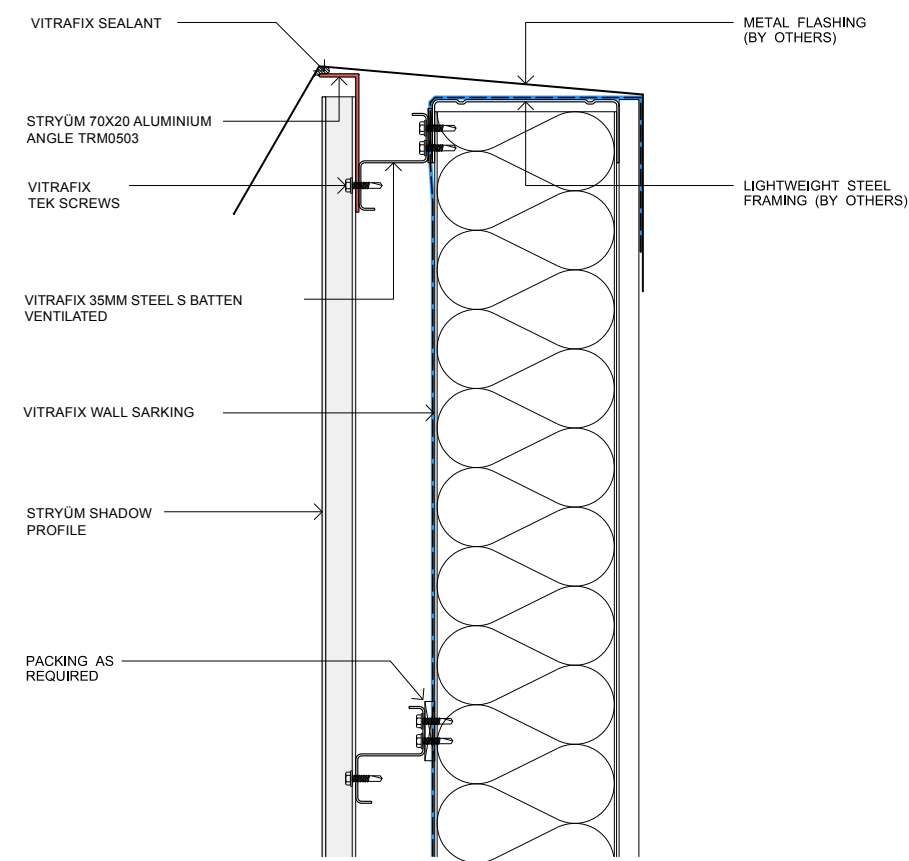
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V SOFFIT JUNCTION 2



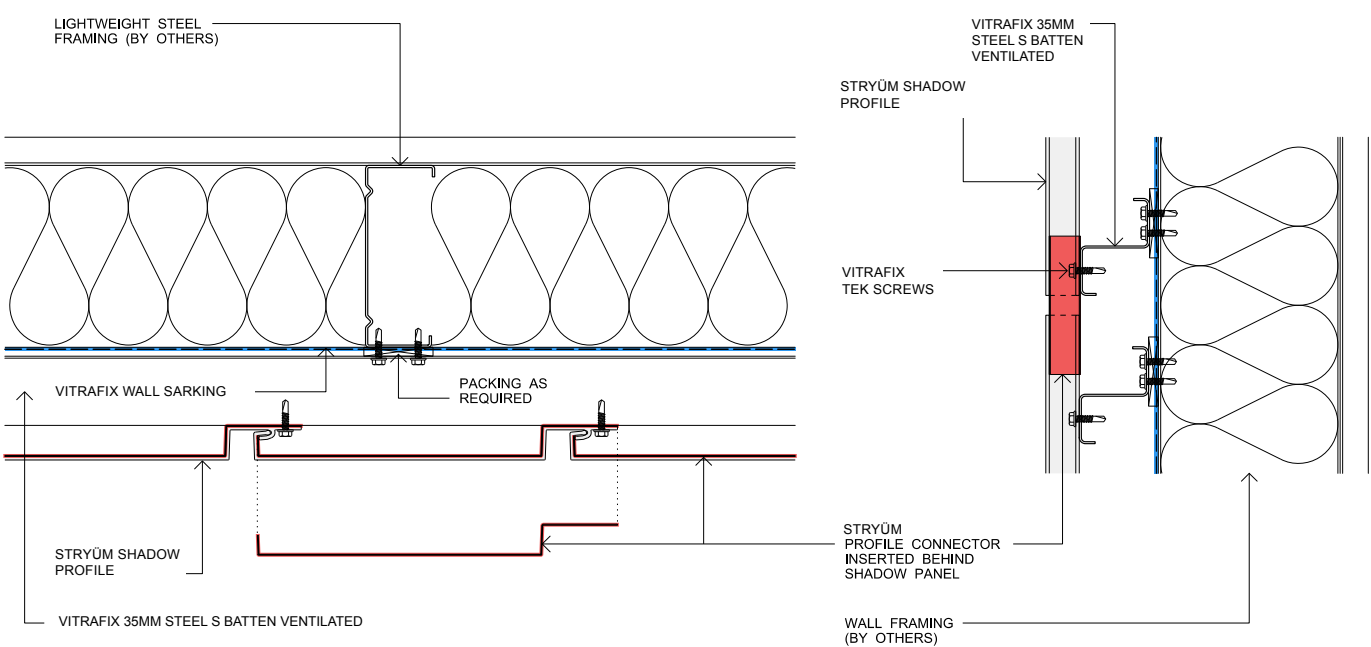
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V PARAPET



Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW V PANEL CONNECTOR



Refer to section 7 for list of accessory and trim options to suit this installation detail.

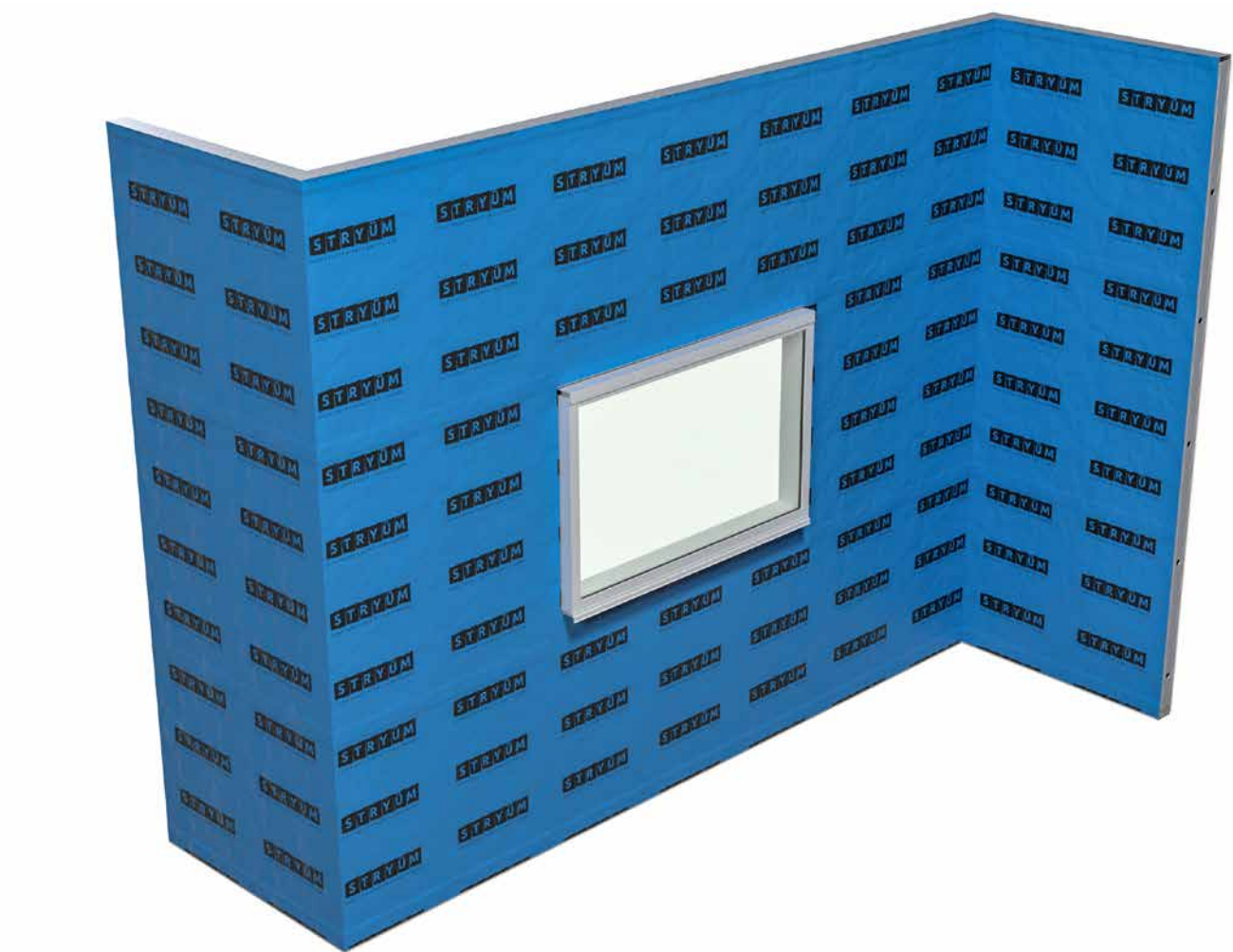
9. SHADOW HORIZONTAL

9.1 INSTALLATION GUIDE

SHADOW HORIZONTAL – INSTALLATION GUIDE

Please ensure you review the complete Stryüm Shadow Horizontal details in section 7.3 to ensure you order all the required trims, the following step by step is a guide only.

STEP 1 – WATERPROOF MEMBRANE



As Stryüm is a rainscreen façade, a weathertight membrane must be installed over the supporting wall. This membrane needs to meet the project specific requirements for weathertightness and be installed as per manufacturers guidelines. All penetrations through the membrane must be sealed.

*Refer to section 7 for the full list of membranes and accessories available to suit this installation detail.

STEP 2 – SUBSTRATE



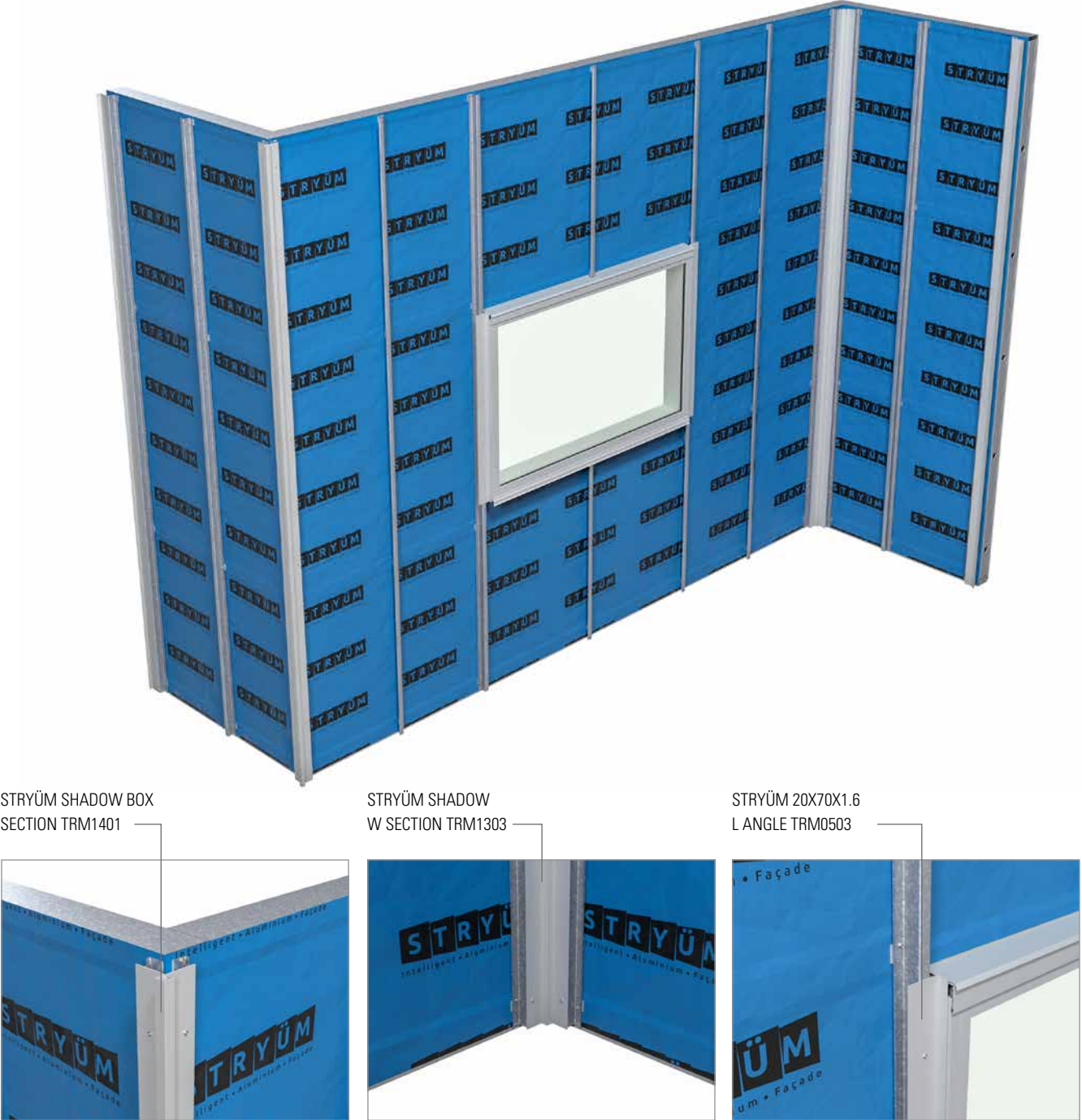
Packers for a plumb substrate and ventilation need to be installed as required prior to the installation of the Vitrafix 35mm Ventilated Steel S Battens.

Install Vitrafix 35mm Ventilated Steel S Battens substrate vertically. The substrate needs to be level to ensure the cladding is flat once installed. Any imperfections in this substrate will be highlighted once the panels are installed.

Vitrafix 35mm Ventilated Steel S Battens are installed at maximum 600mm centres. Project specific requirements may dictate shorter span lengths.

Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 3 – VERTICAL TRIMS

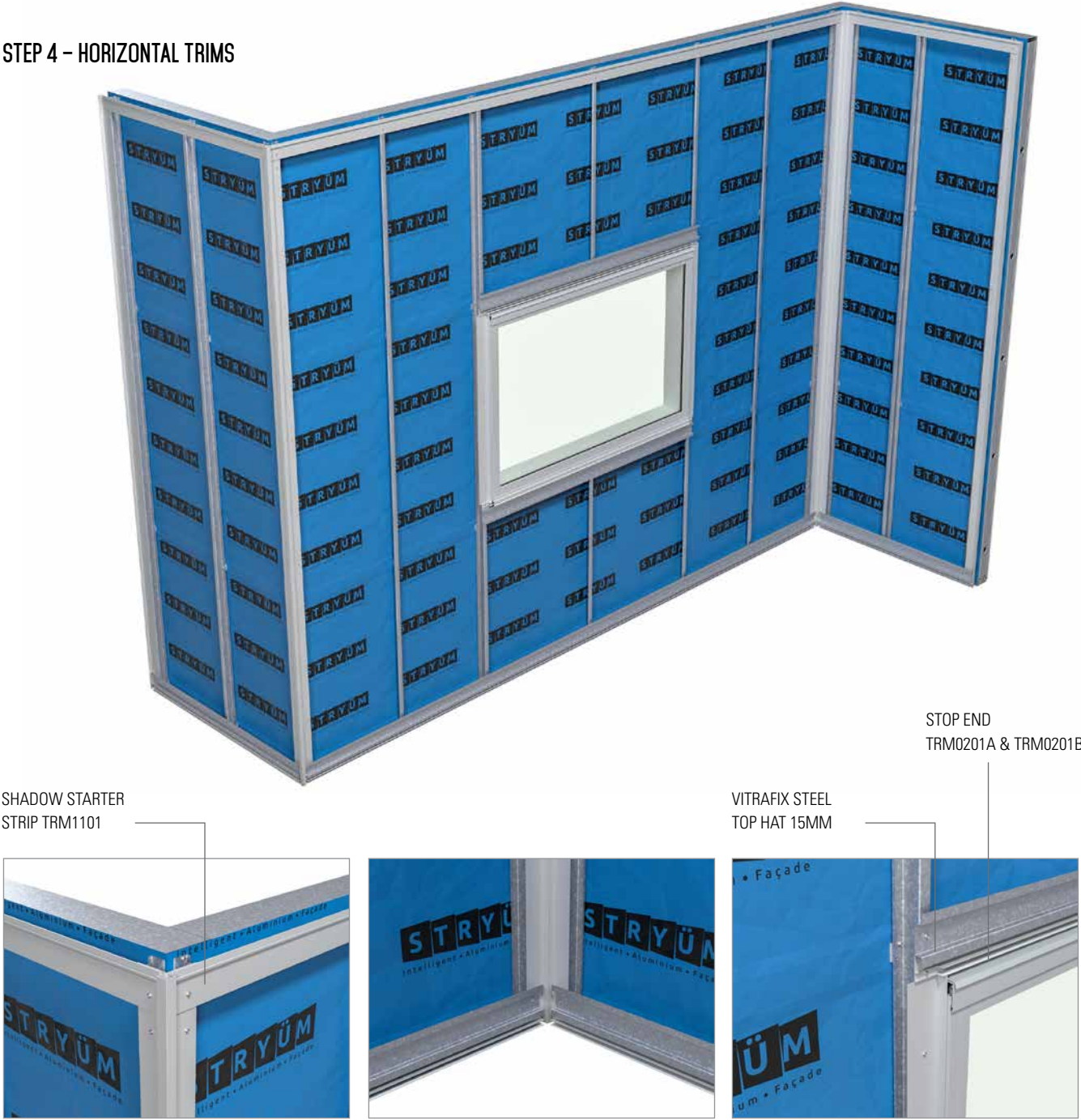


Install the vertical trims for the cladding, at the left and right of the cladding section, at either side of any wall penetrations, and at any corners. When installing down to an adjacent flat surface such as a garden bed or pathway, a minimum of 150mm from the ground is recommended to prevent rain splash back dirtying the façade.

If the cladding is being completed in sections, it is important the trims for either side of a cladding zone are installed prior to the cladding being installed to ensure a clean finish.

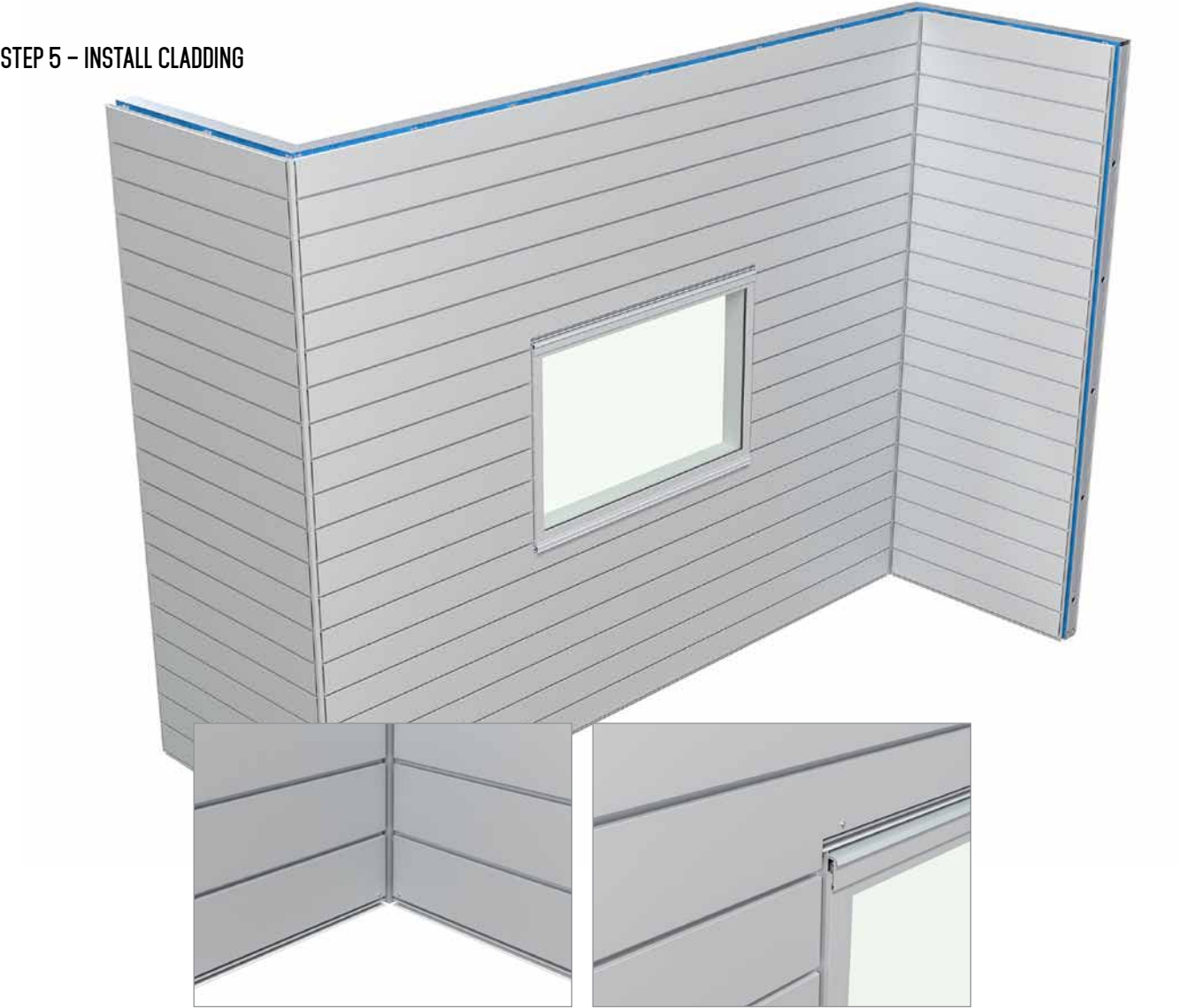
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 4 – HORIZONTAL TRIMS



Install the horizontal trims for the cladding, at the top and bottom of the cladding section, above and below any wall penetrations, and at any slab junctions. Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 5 – INSTALL CLADDING



Install the cladding by cutting the panels to length, hooking the panel into the previous panel, and affixing to the Vitrafix 35mm Ventilated Steel S Batten. Due to the rainscreen façade system Stryum utilizes, a minimum airflow gap of 10mm must be maintained at the top and bottom of the cavity.

Note: there may not be room to install cladding panels around the windows, and at the top and bottom of the cladding zone as per the regular method. These panels will need to be trimmed down the length of the panel and fixed through the face. Use packers as required to bring the face of the panel level with the rest of the façade. These fixings will be concealed with the appropriate cover cap.

ITEMS ON THIS PAGE			
CODE	DESCRIPTION	LENGTH	SUPPLIED BY FAIRVIEW
SH160	Shadow 160	6.5m	•
OR			
SH200	Shadow 200	6.5m	•
OR			
SH300	Shadow 300	6.5m	•
OR			
SH90/90	Shadow 90/90	6.5m	•
OR			
SH170/95	Shadow 170/95	6.5m	•

Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 6 – CLIP ON COVER PIECES



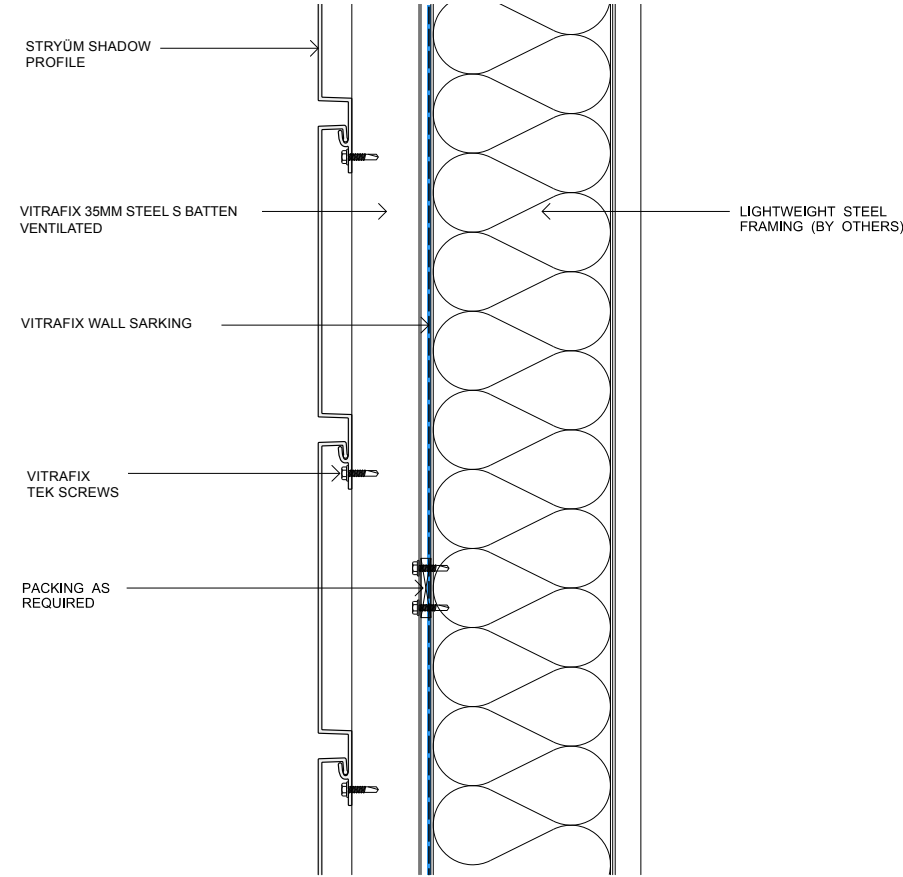
Install the cover sections to the two-piece trims to conceal rivets and cut edges. Push firmly into place, a rubber mallet may be used paying careful attention to the finish. Refer to section 7 for list of accessory and trim options to suit this installation detail.

9. SHADOW HORIZONTAL

9.2 GENERAL DETAILS

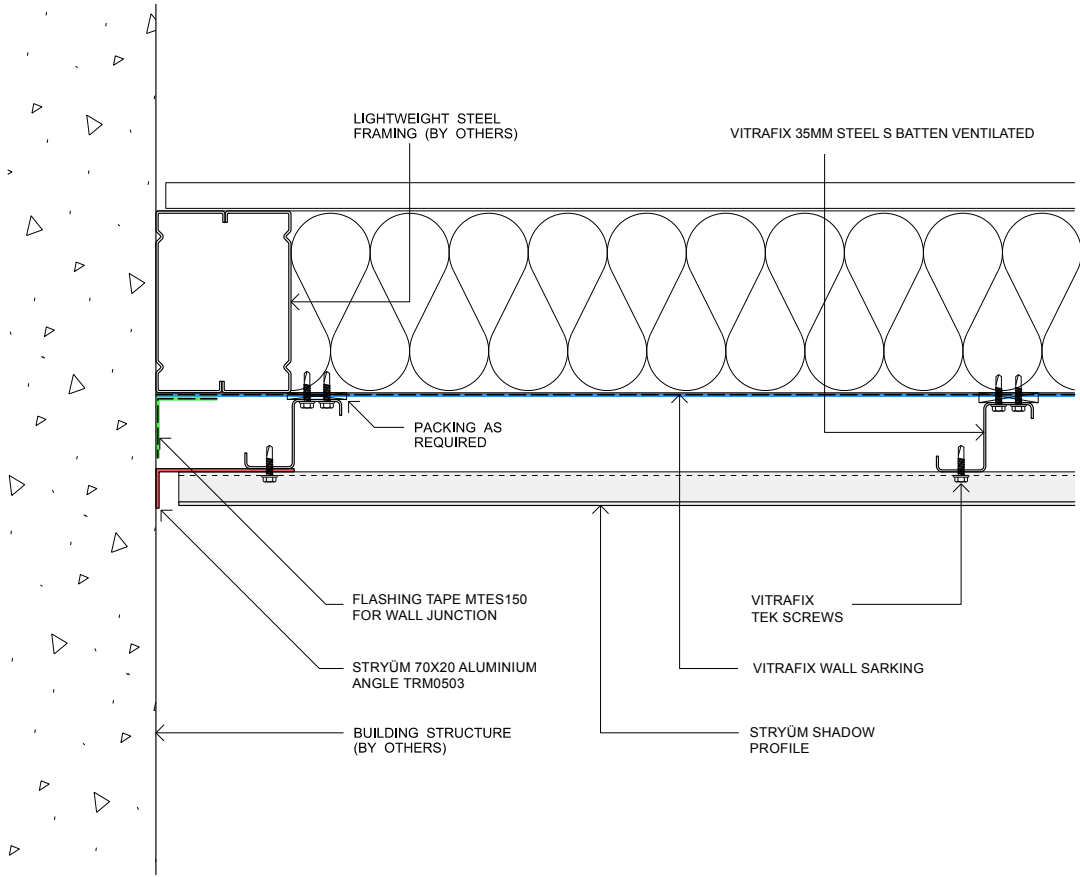
SHADOW HORIZONTAL – GENERAL DETAILS

SHADOW H PANEL CONNECTION



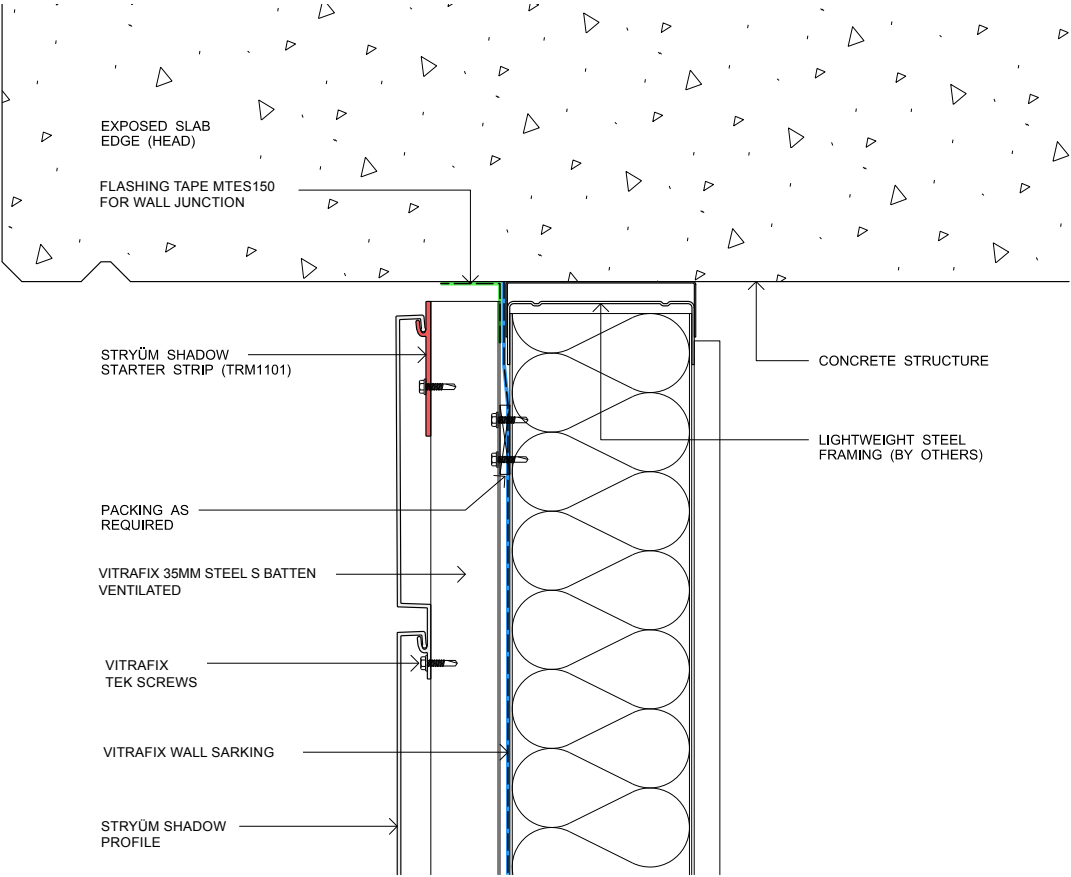
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H PANEL START END



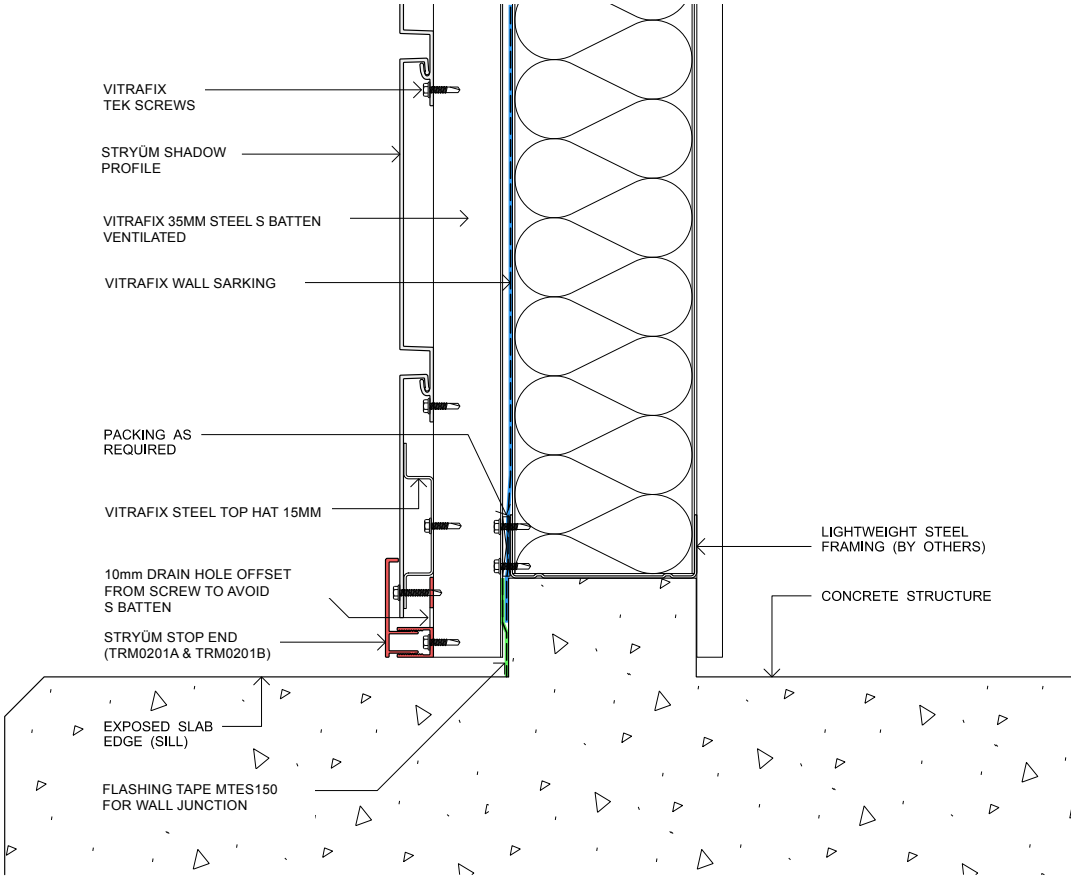
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H HEAD SLAB JUNCTION



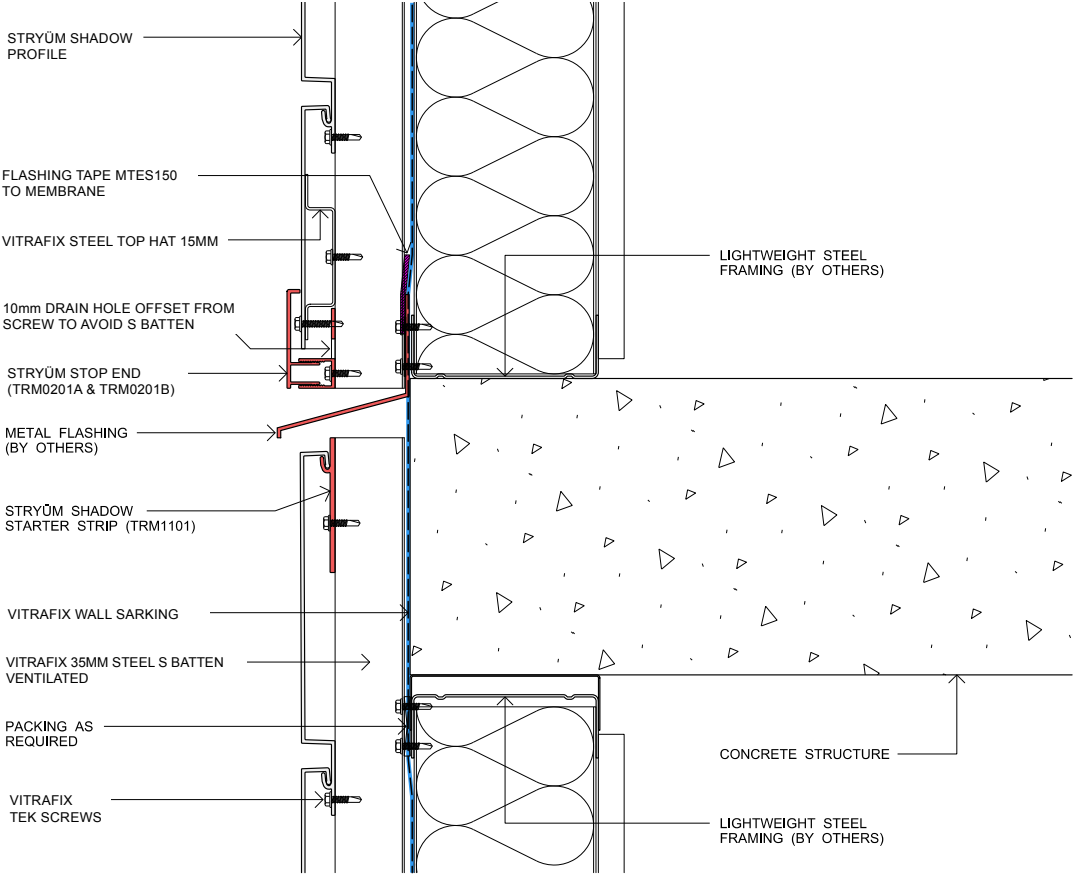
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H BASE SLAB JUNCTION



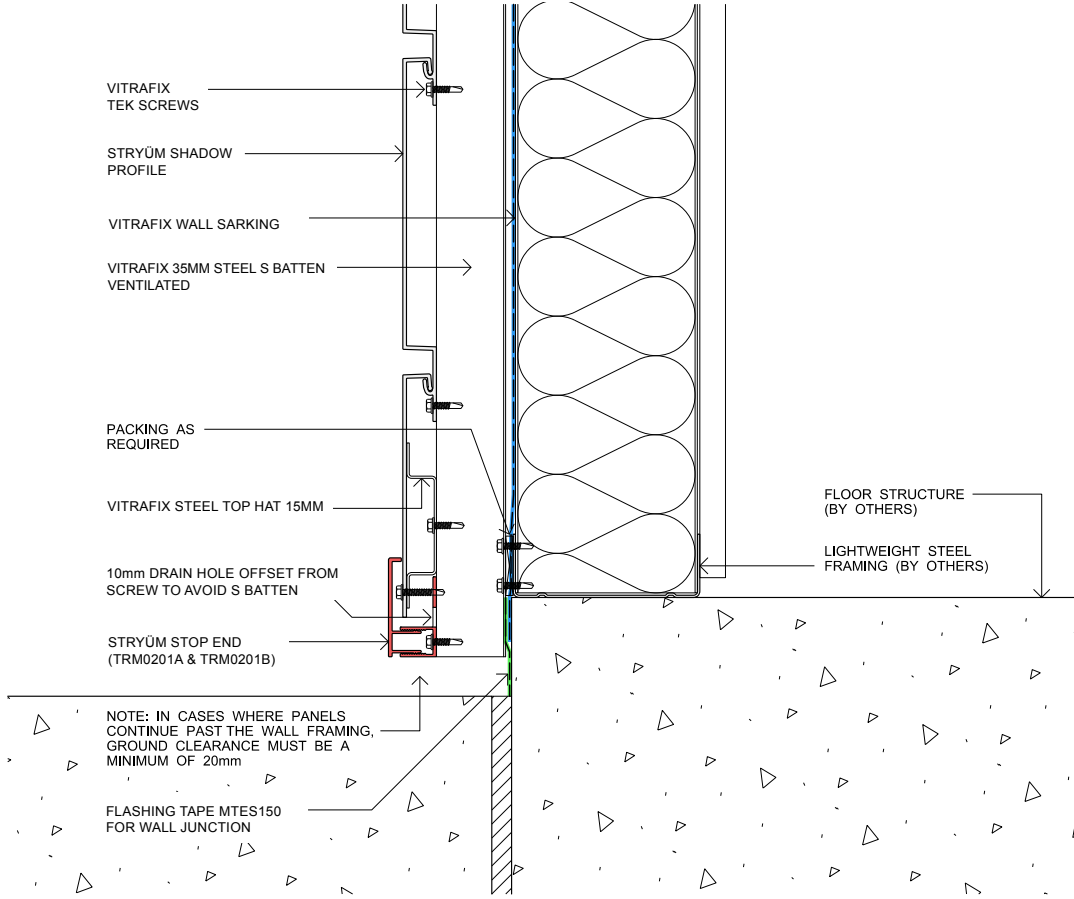
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H SLAB JUNCTION CONCEALED



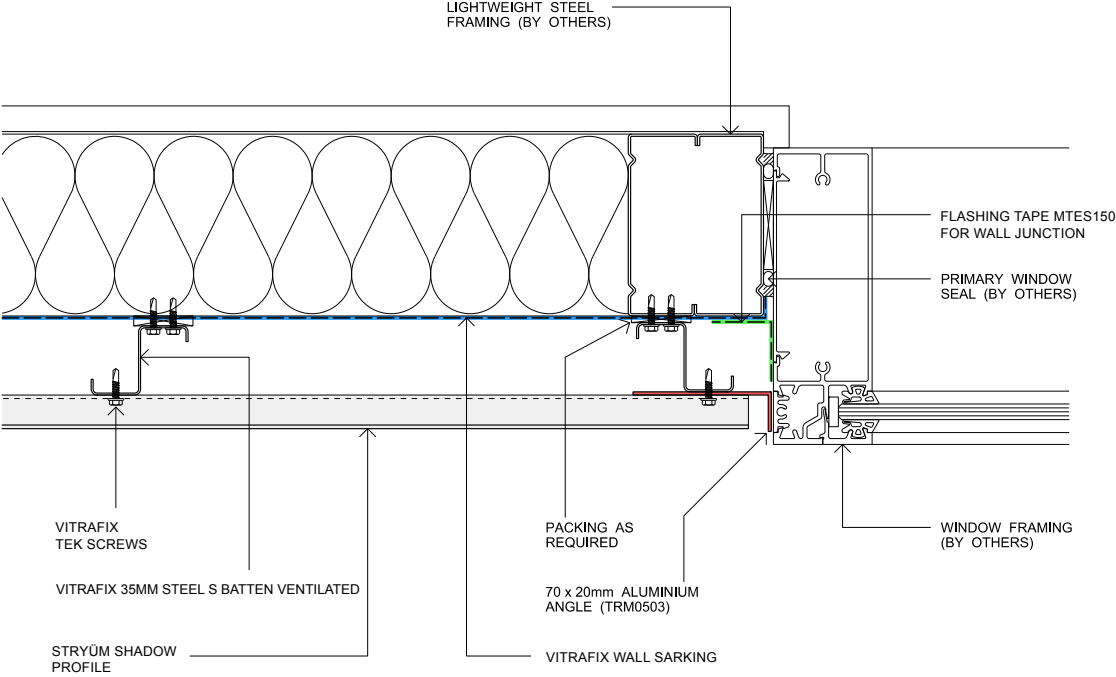
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H PANEL END FLOOR



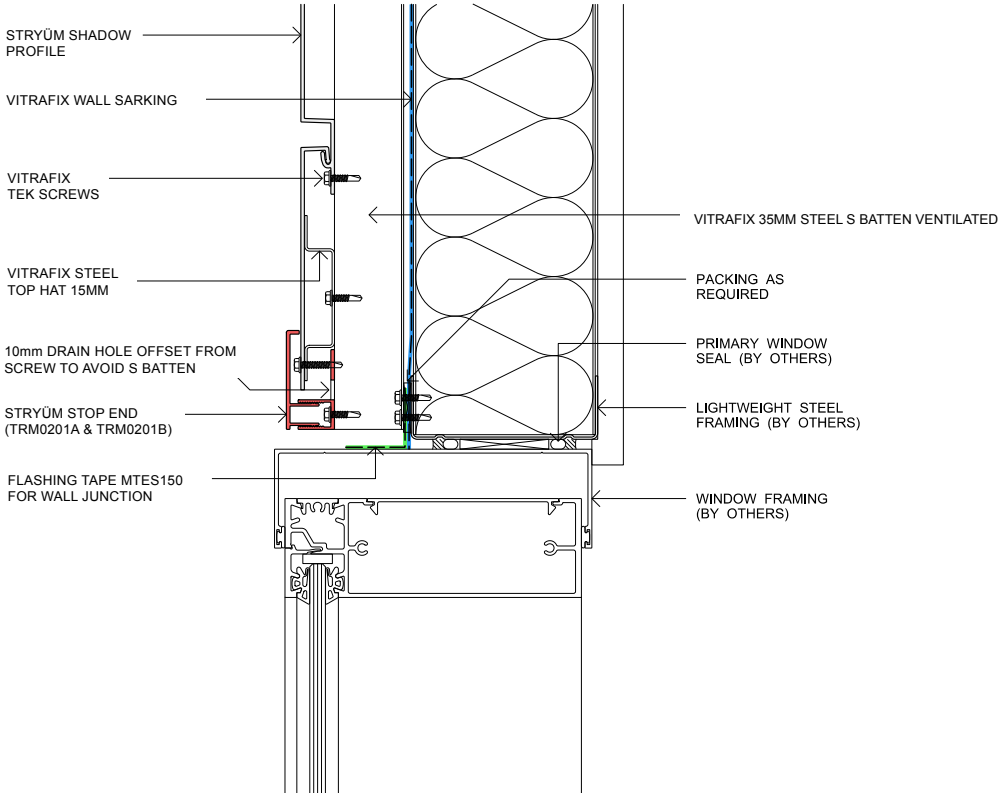
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H WINDOW JAMB



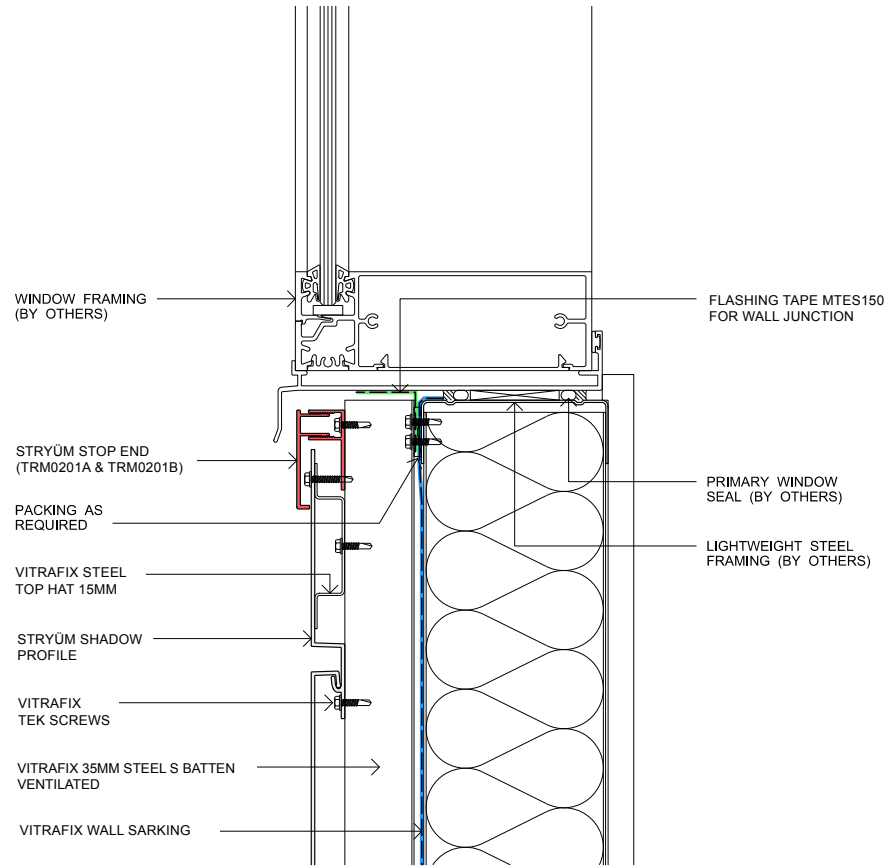
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H WINDOW HEAD



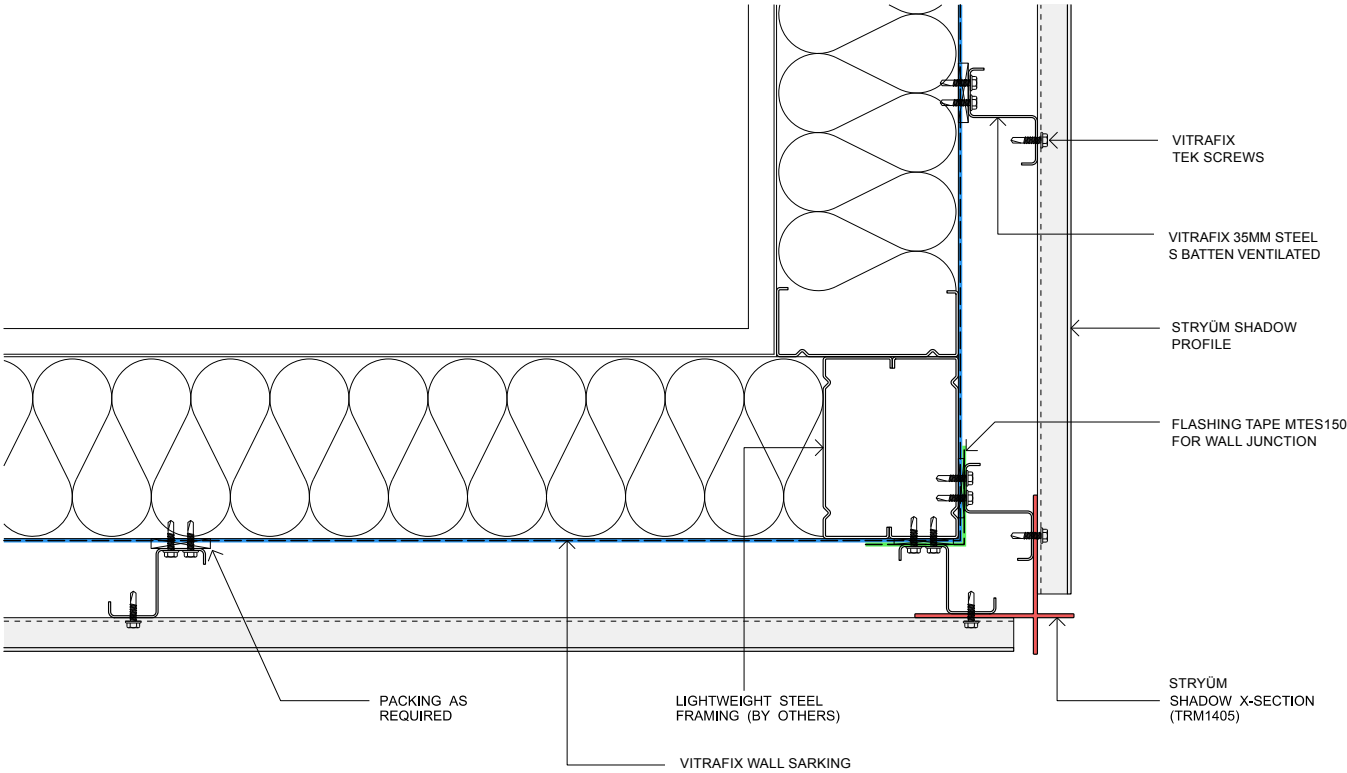
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H WINDOW SILL



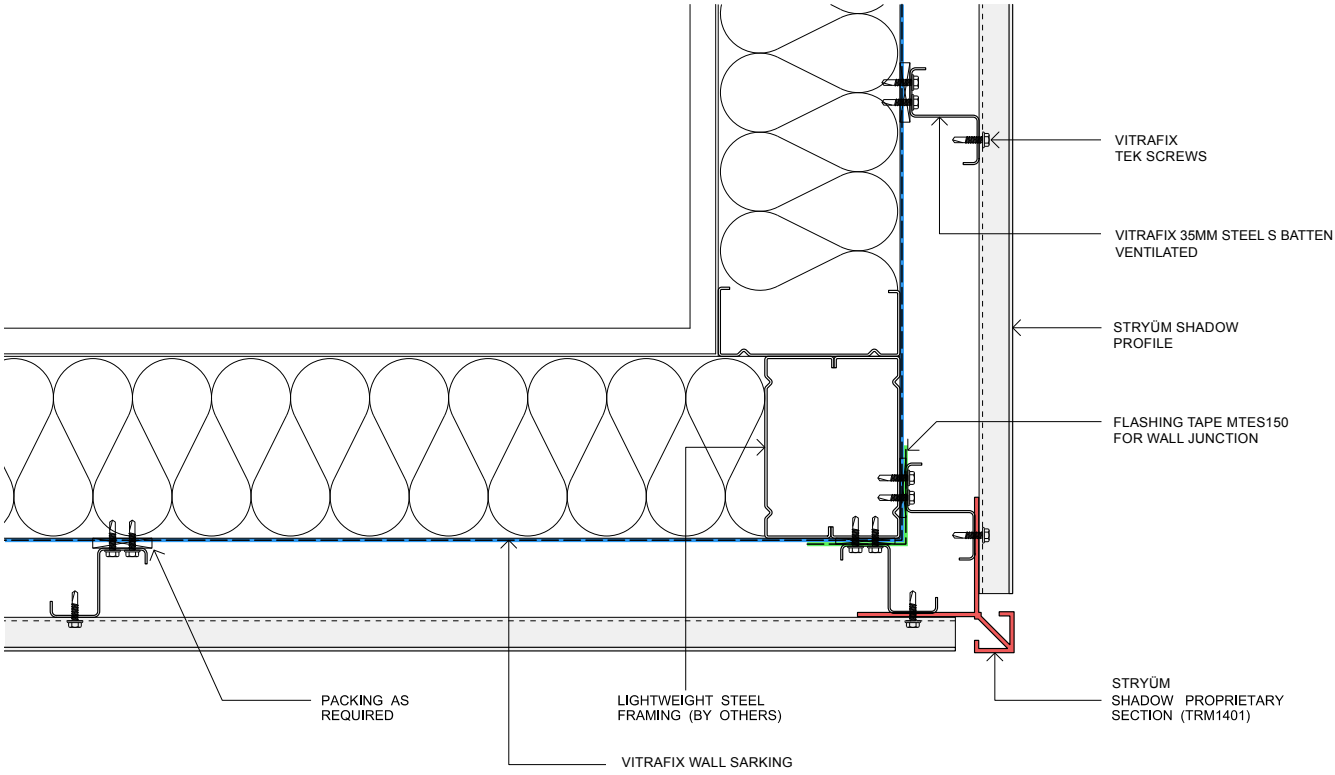
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H EXTERNAL CORNER 1



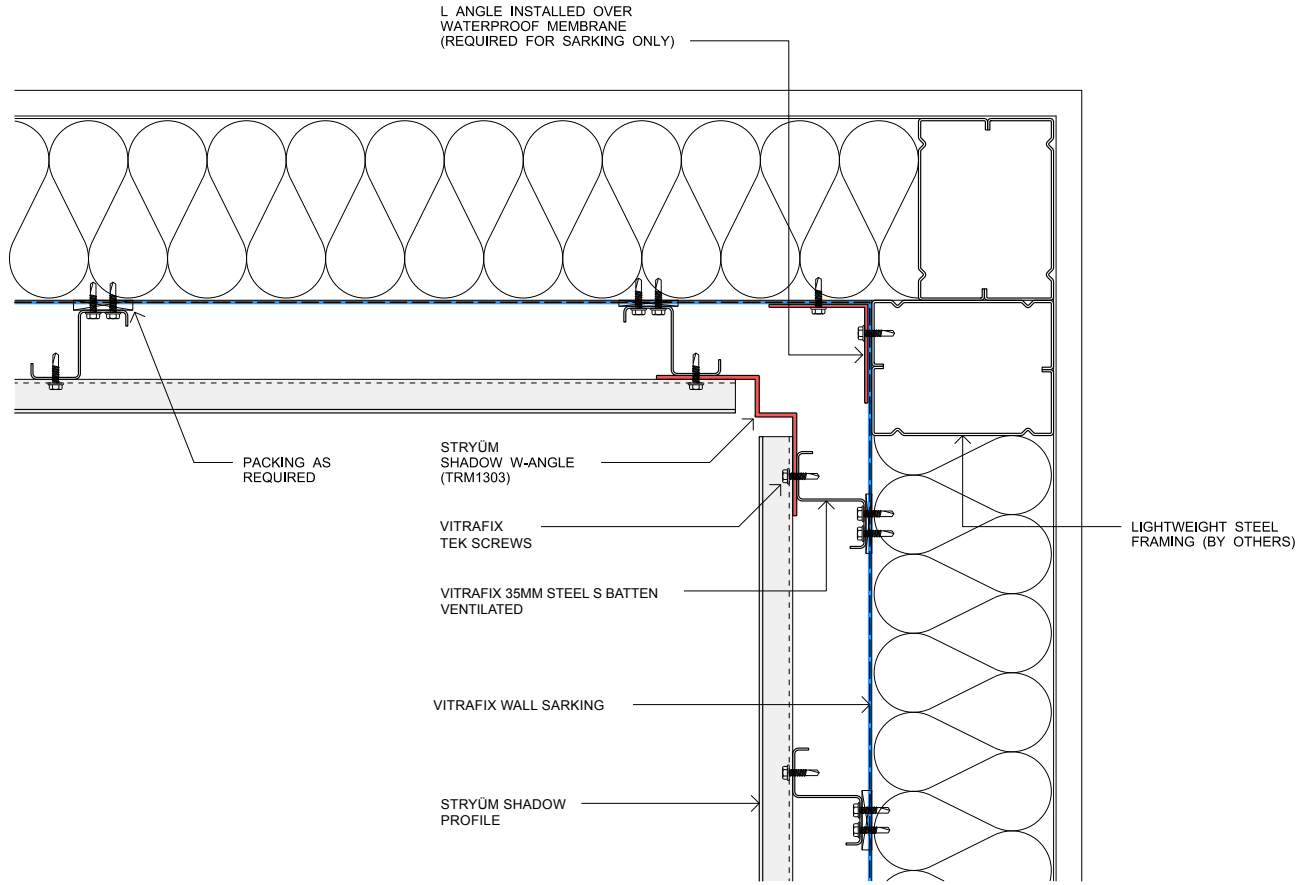
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H EXTERNAL CORNER 2



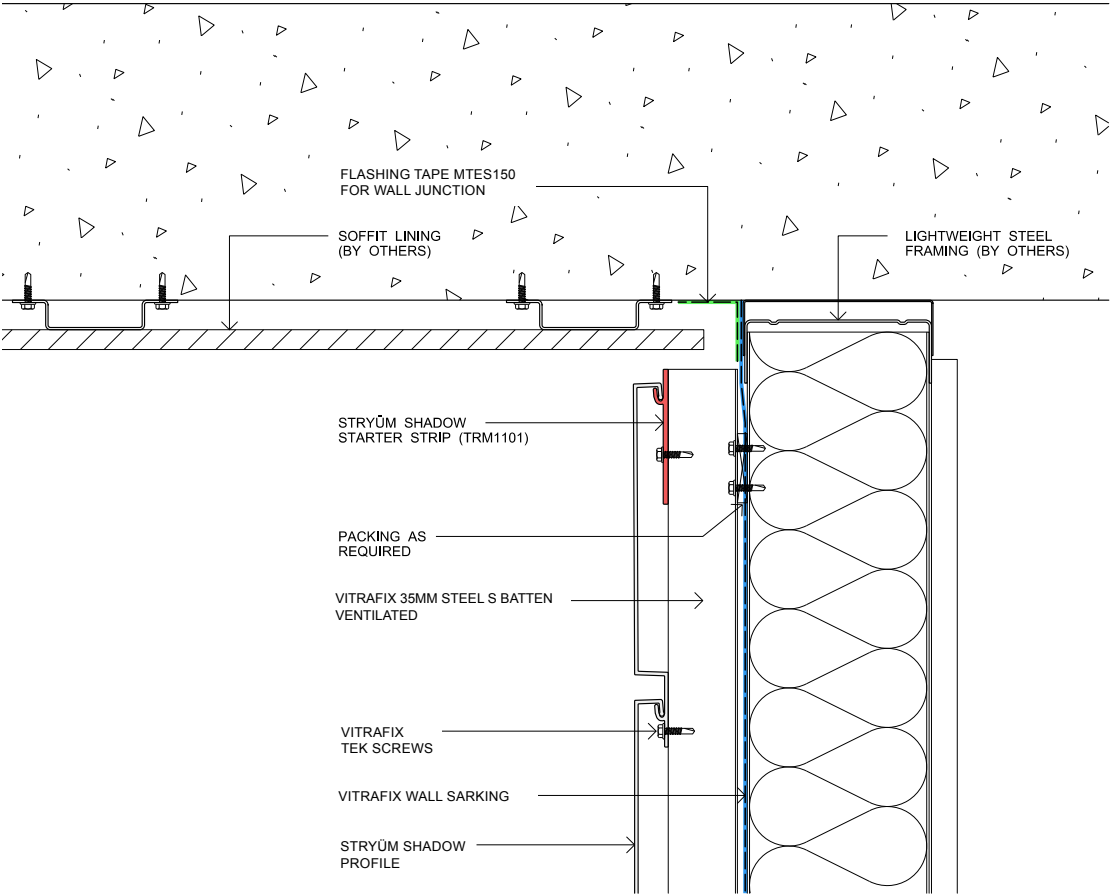
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H INTERNAL CORNER



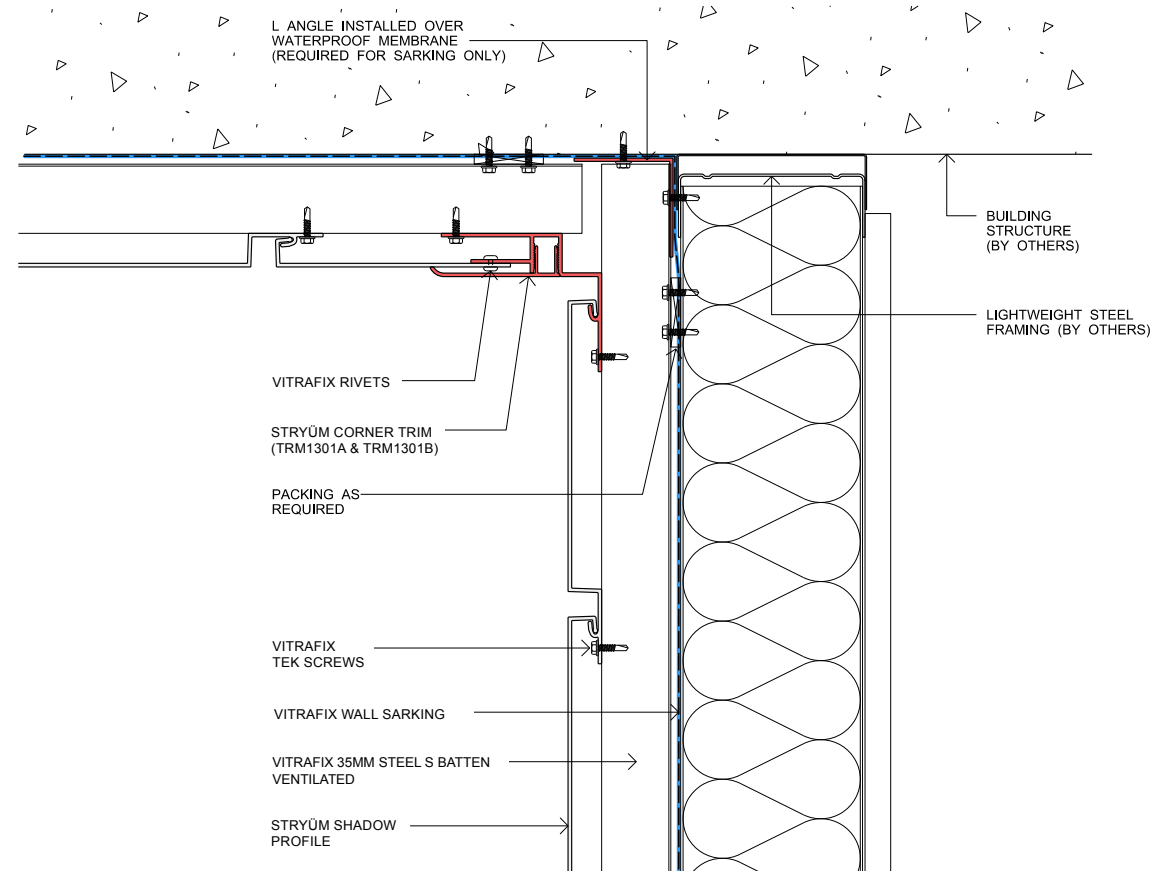
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H SOFFIT



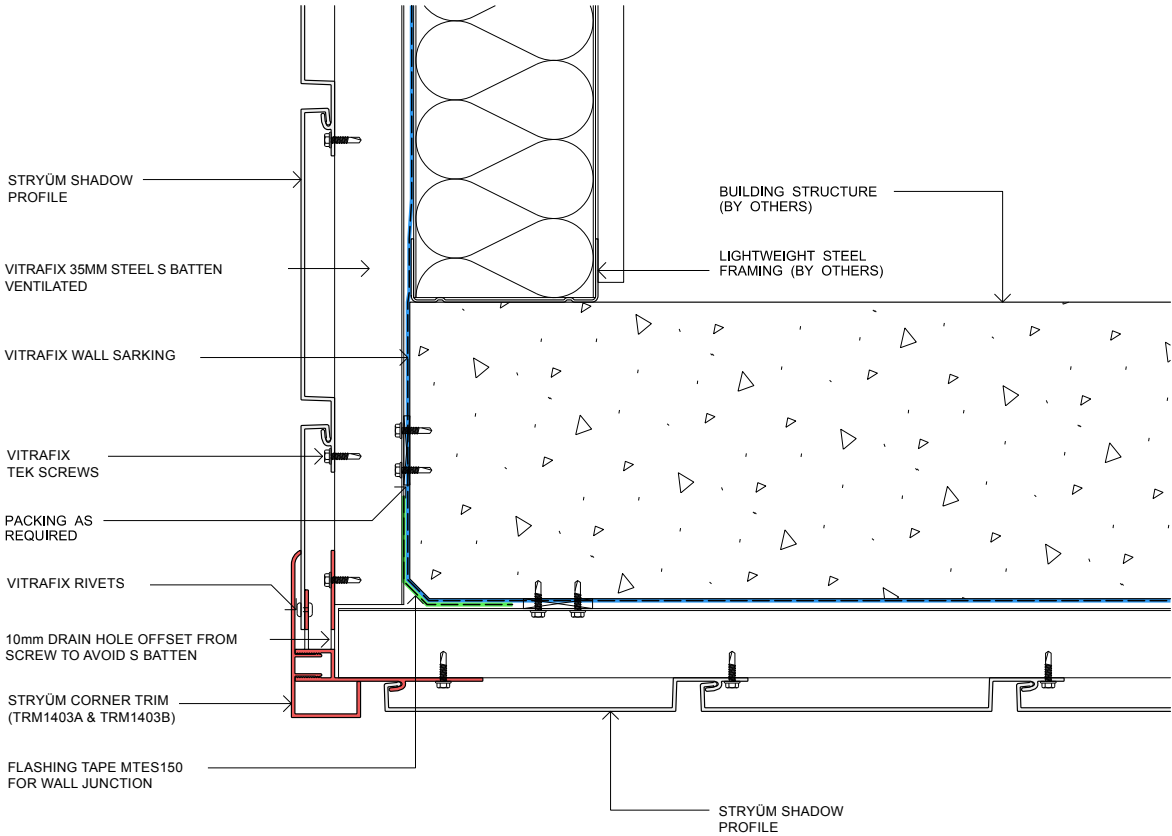
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H SOFFIT JUNCTION 1



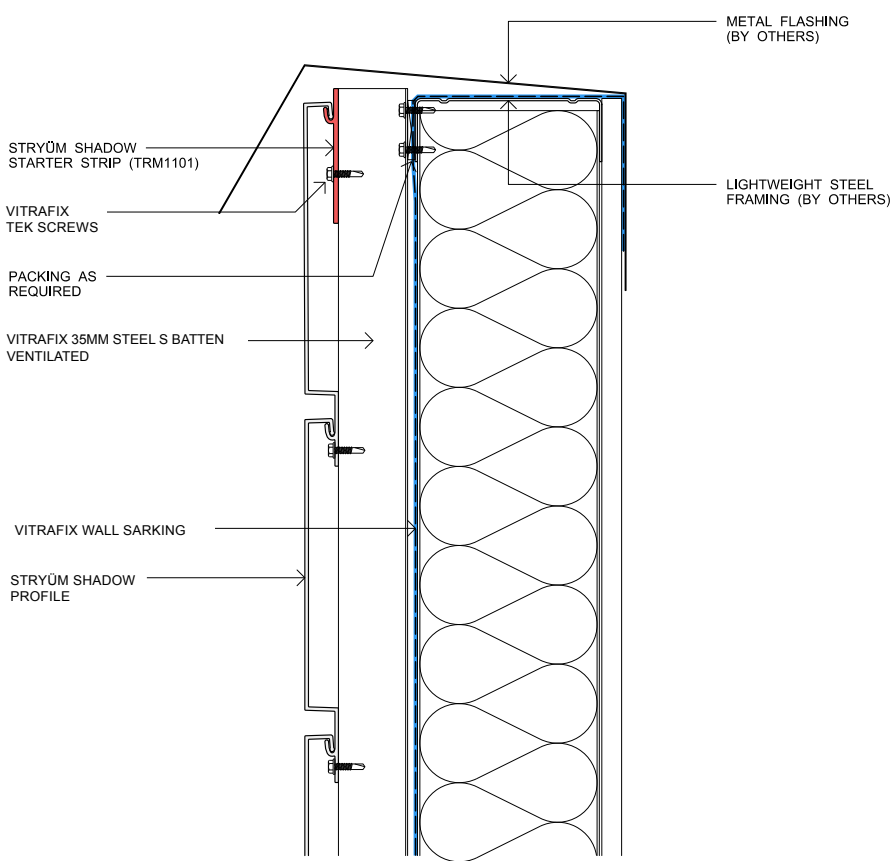
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H SOFFIT JUNCTION 2



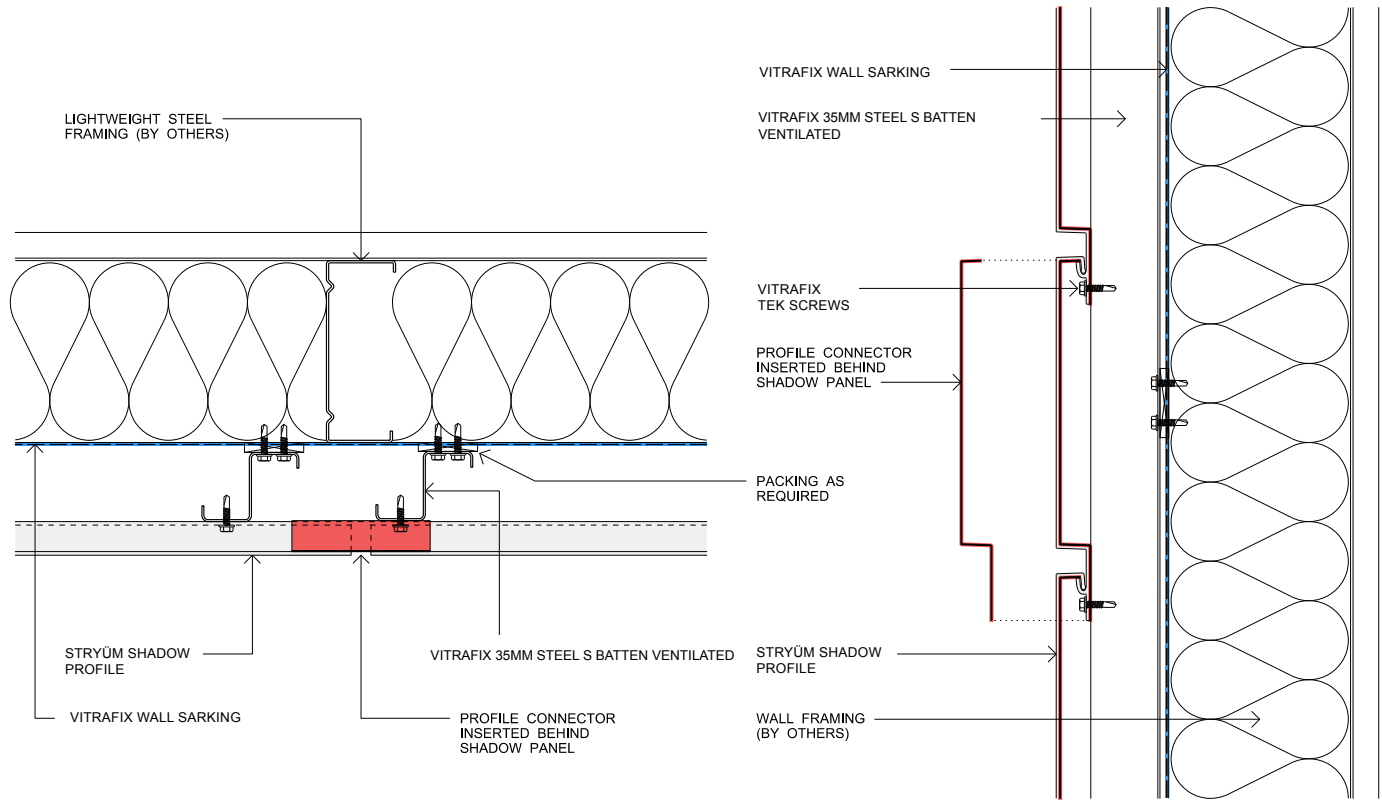
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H PARAPET



Refer to section 7 for list of accessory and trim options to suit this installation detail.

SHADOW H PANEL CONNECTOR



10. SEAM VERTICAL

10.1 INSTALLATION GUIDE

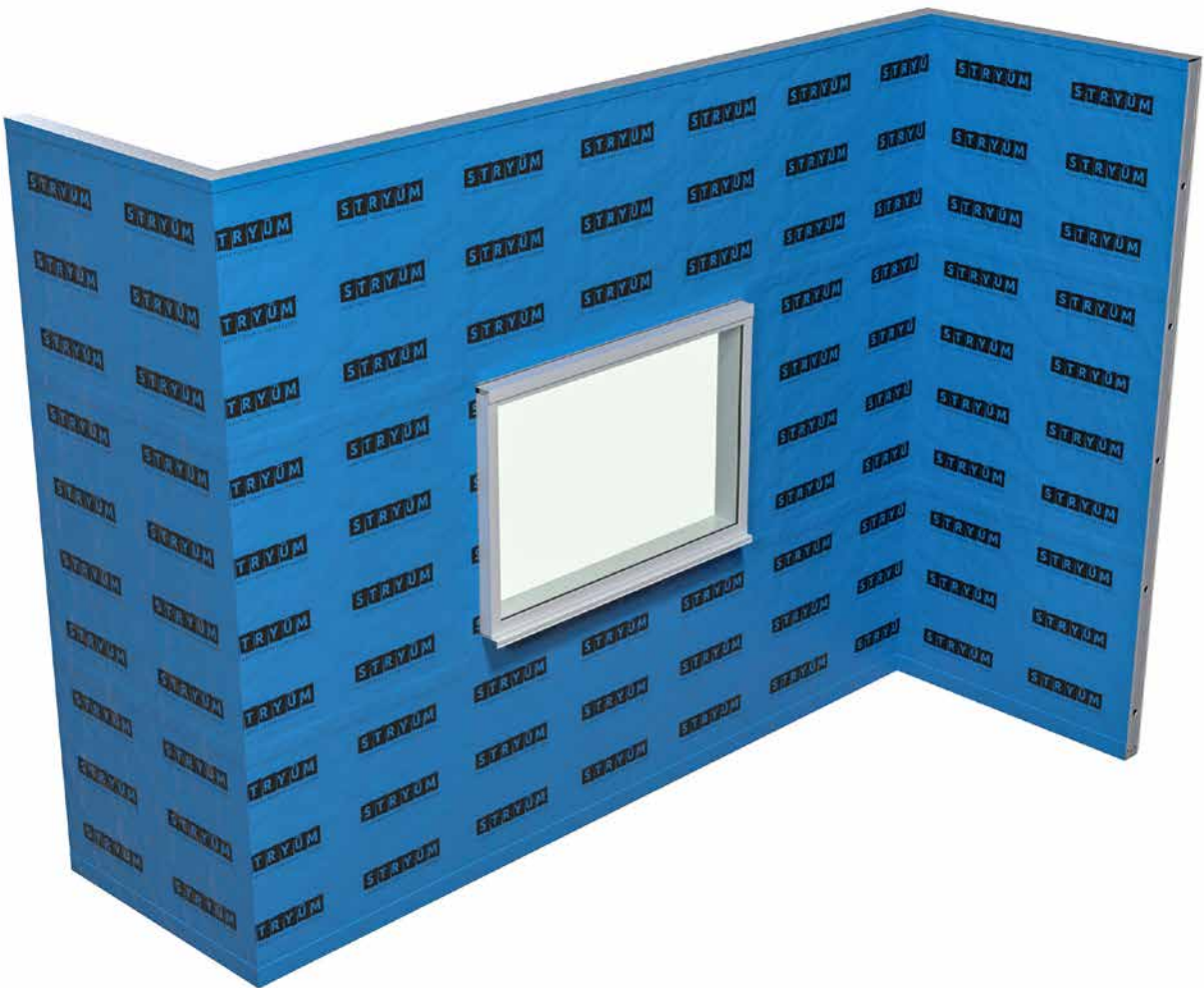


Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM VERTICAL – INSTALLATION GUIDE

Please ensure you review the complete Stryüm Seam details in section 7.3 to ensure you order all the required trims, the following step by step is a guide only.

STEP 1 – WEATHERTIGHT MEMBRANE

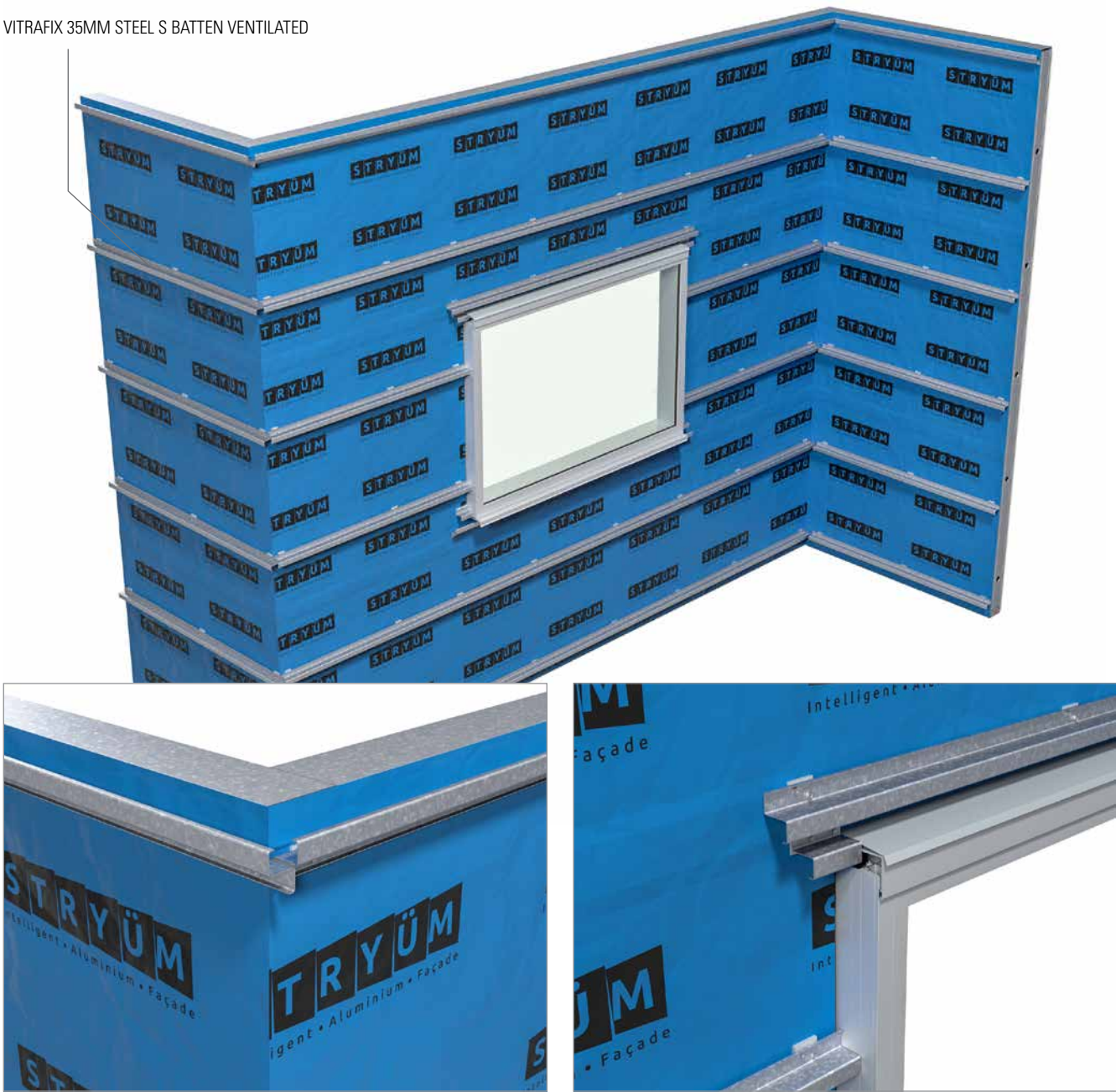


As Stryüm is a rainscreen façade, a weathertight membrane must be installed over the supporting wall. This membrane needs to meet the project specific requirements for weathertightness and be installed as per manufacturers guidelines. All penetrations through the membrane must be sealed.

*Refer to section 7 for the full list of membranes and accessories available to suit this installation detail.

STEP 2 – SUBSTRATE

VITRAFIX 35MM STEEL S BATTEN VENTILATED

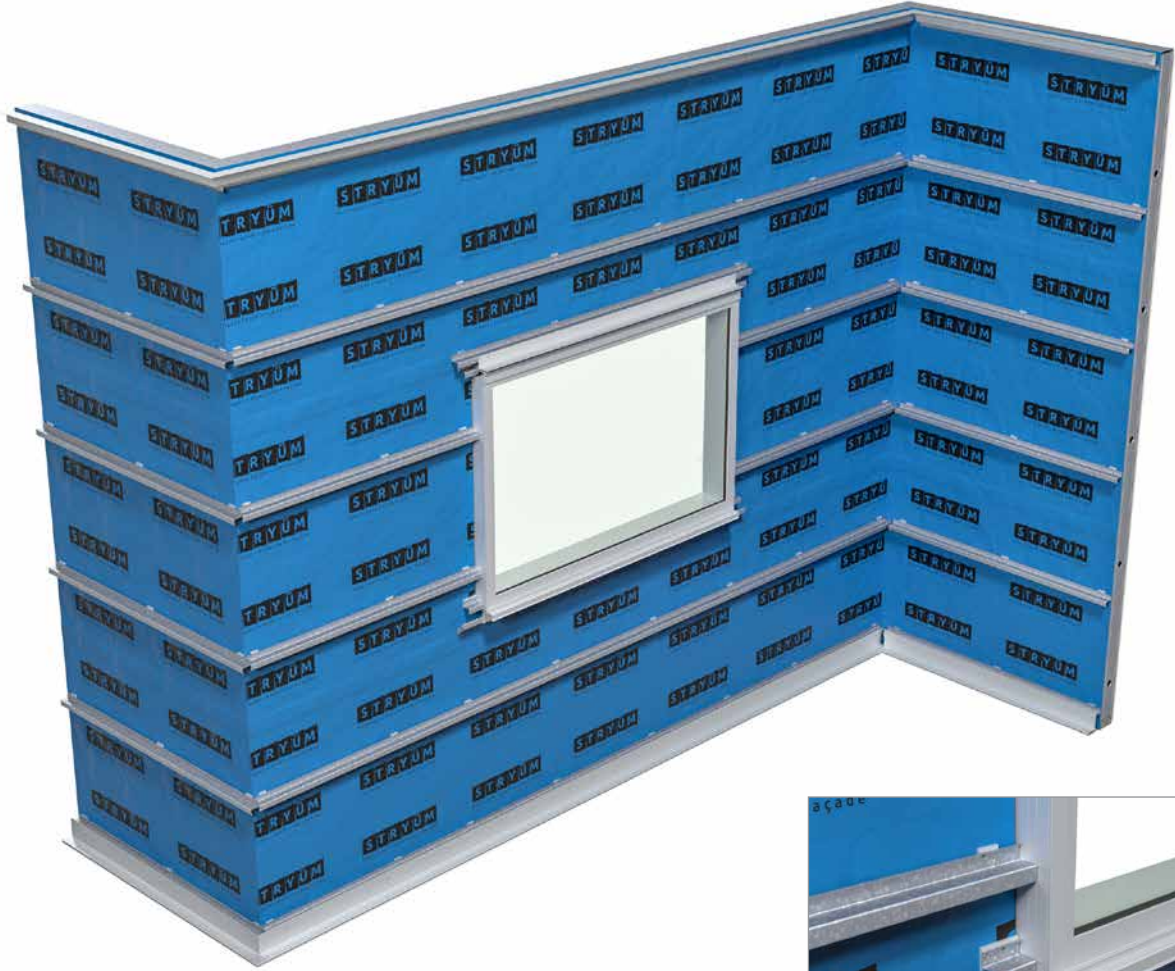


Packers for a plumb substrate and ventilation need to be installed as required prior to the installation of the Vitrafix 35mm Ventilated Steel S Battens.

Install Vitrafix 35mm Ventilated Steel S Battens substrate horizontally. The substrate needs to be level to ensure the cladding is flat once installed. Any imperfections in this substrate will be highlighted once the panels are installed.

Vitrafix 35mm Ventilated Steel S Battens are installed at maximum 600mm centres. Project specific requirements may dictate shorter span lengths. Use Ventilated S Batten as the top batten.

STEP 3 – HORIZONTAL TRIMS



SEAM FOOT MOULD TRM4201



50X50X1.6 L ANGLE TRM0506

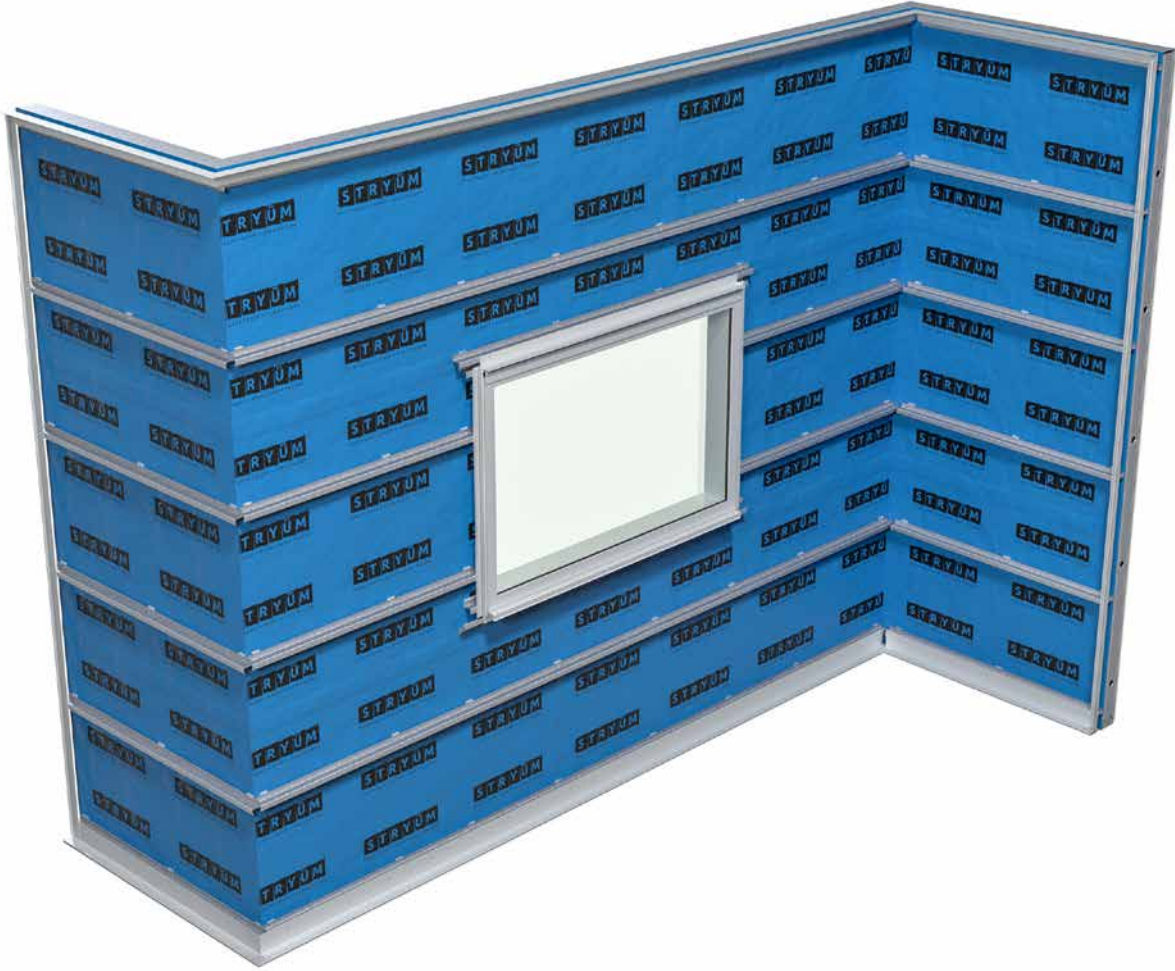


Install the horizontal trims for the cladding, at the top and bottom of the cladding section, above and below any wall penetrations, and at any slab junctions.

When installing down to an adjacent flat surface such as a garden bed or pathway, a minimum of 150mm from the ground is recommended to prevent rain splash back dirtying the façade.

Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 4 – VERTICAL TRIMS



SEAM FOOT MOULD TRM4201



STOP END
(FEMALE) TRM0201B



Install the vertical trims for the cladding, at the left and right of the cladding section, at either side of any wall penetrations, and at any corners.

Note: the cladding system is designed to be installed continuously around the building. Pick a cladding direction (Left-Right or Right-Left) and maintain this direction across the whole project. If the cladding is being completed in sections, it is important the trims for either side of a cladding zone are installed prior to the cladding being installed to ensure a clean finish.

Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 5 – INSTALL CLADDING [TO EXTERNAL CORNER]

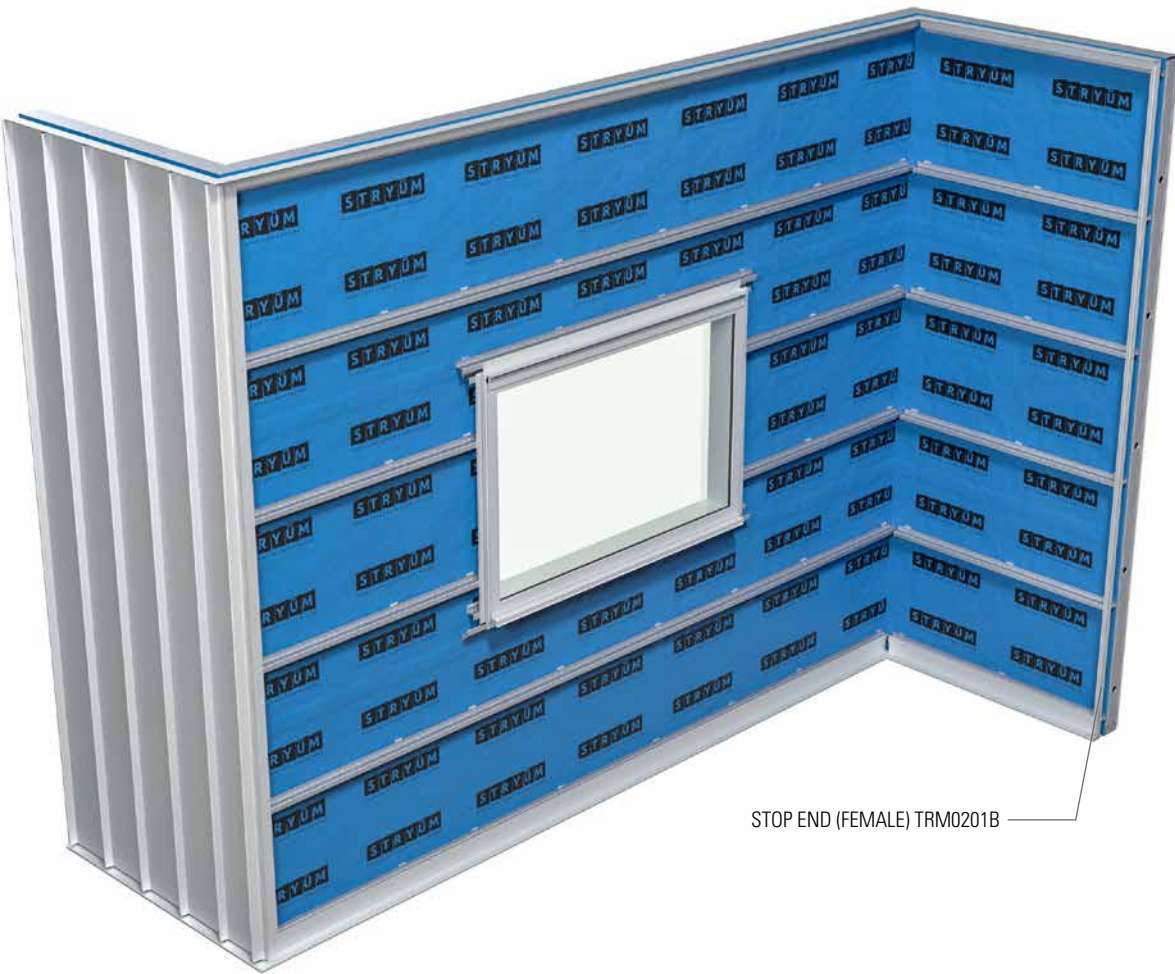


Install the cladding by cutting the panels to length, hooking the panel into the previous panel, and affixing to the Ventilated S Batten. In this diagram the cladding direction chosen is Left-Right. Due to the rainscreen façade system Stryum utilizes, a minimum airflow gap of 10mm must be maintained at the top and bottom of the cavity.

When installing Seam around an external corner, install the cladding up to the corner, and trim the final panel down the length till it is flush with the substrate of the adjoining wall. Insert packers behind the cladding and fix through the face of the panels.

ITEMS ON THIS PAGE			
CODE	DESCRIPTION	LENGTH	SUPPLIED BY FAIRVIEW
SE260	Seam 260	6.5m	•
OR			
SE130/130	Seam 130/130	6.5m	•

STEP 6 – INSTALL EXTERNAL CORNER



Install the external corner, whilst making sure to cover the screws used to face fix the cladding on the adjoining wall.

Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 7 – INSTALL CLADDING [TO INTERNAL CORNER]



Install the cladding by cutting the panels to length, hooking into the previous panel, and affixing to the Ventilated S Batten.

Note: there may not be room to install cladding panels around the windows, at internal and external corners and at the end of the cladding zone as per the regular method. These panels will need to be trimmed down the length of the panel and fixed through the face. Use packers as required to bring the face of the panel level with the rest of the façade. These fixings will be concealed with the appropriate cover cap.

Once the end of the wall is reached, trim the panel to length, insert packers and fix through the face of the cladding. Note, the face fix screws should be installed behind the substrate of the previous façade, as these will be concealed by the start of the new wall of cladding.

STEP 8 – INSTALL INTERNAL CORNER



Install TRM0201b Female into the internal corner.

Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 9 – INSTALL CLADDING [FROM EXTERNAL CORNER]



Install packers adjacent to TRM0201b and trim the raised hook/starter section from the length of the Seam panel. Install this trimmed first panel up against TRM0201b and fix through the face of the cladding into the packers.

Install as standard along the length of the wall until the end of the wall is reached. To complete the wall, trim the panel to length, insert packers, and fix through the face of the material.

STEP 10 – CLIP ON COVER PIECE



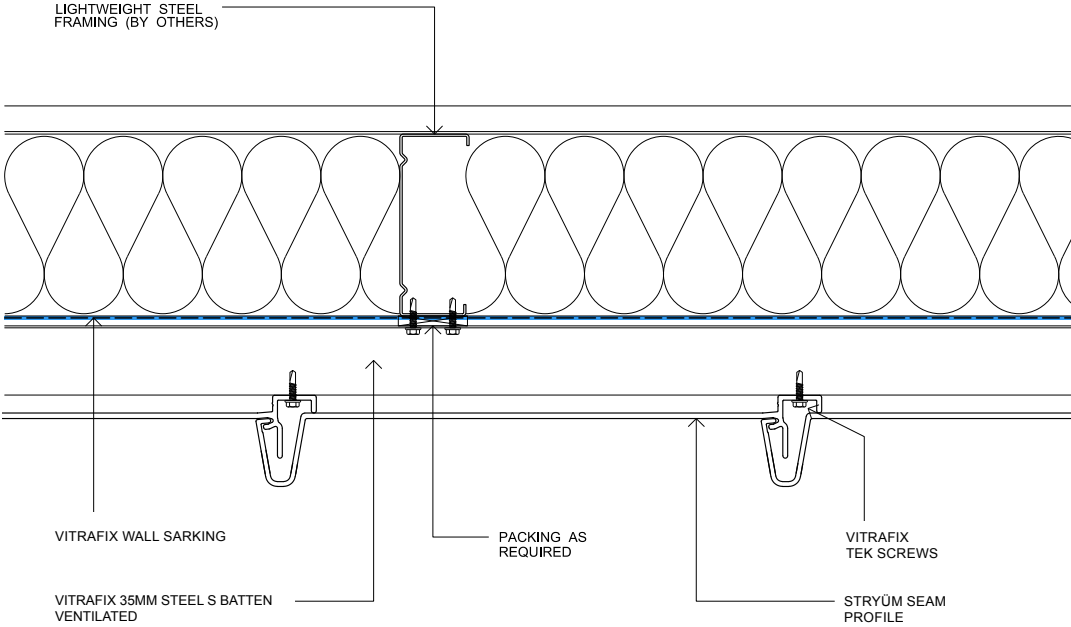
Install the cover sections to the two-piece trims to conceal rivets and cut edges. Push firmly into place, a rubber mallet may be used paying careful attention to the finish. Refer to section 7 for list of accessory and trim options to suit this installation detail.

10. SEAM VERTICAL

10.2 GENERAL DETAILS

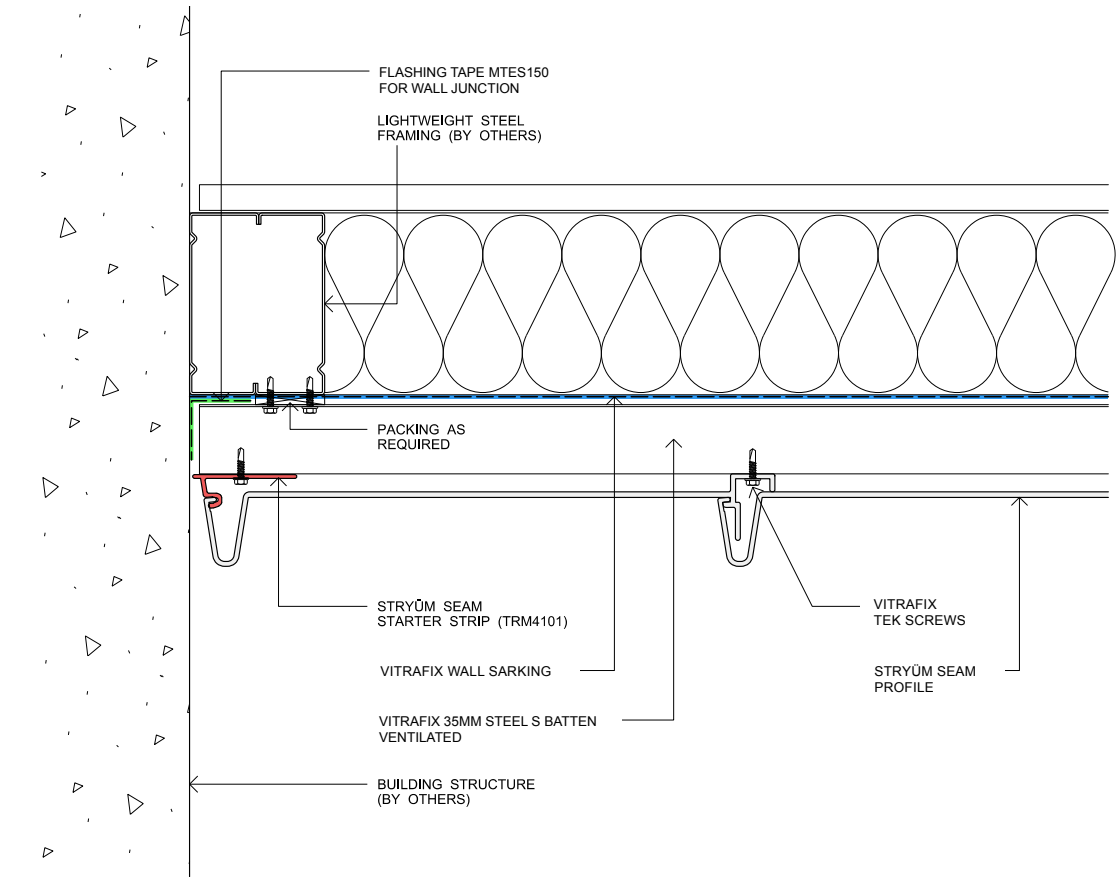
SEAM VERTICAL – GENERAL DETAILS

SEAM V PANEL CONNECTION



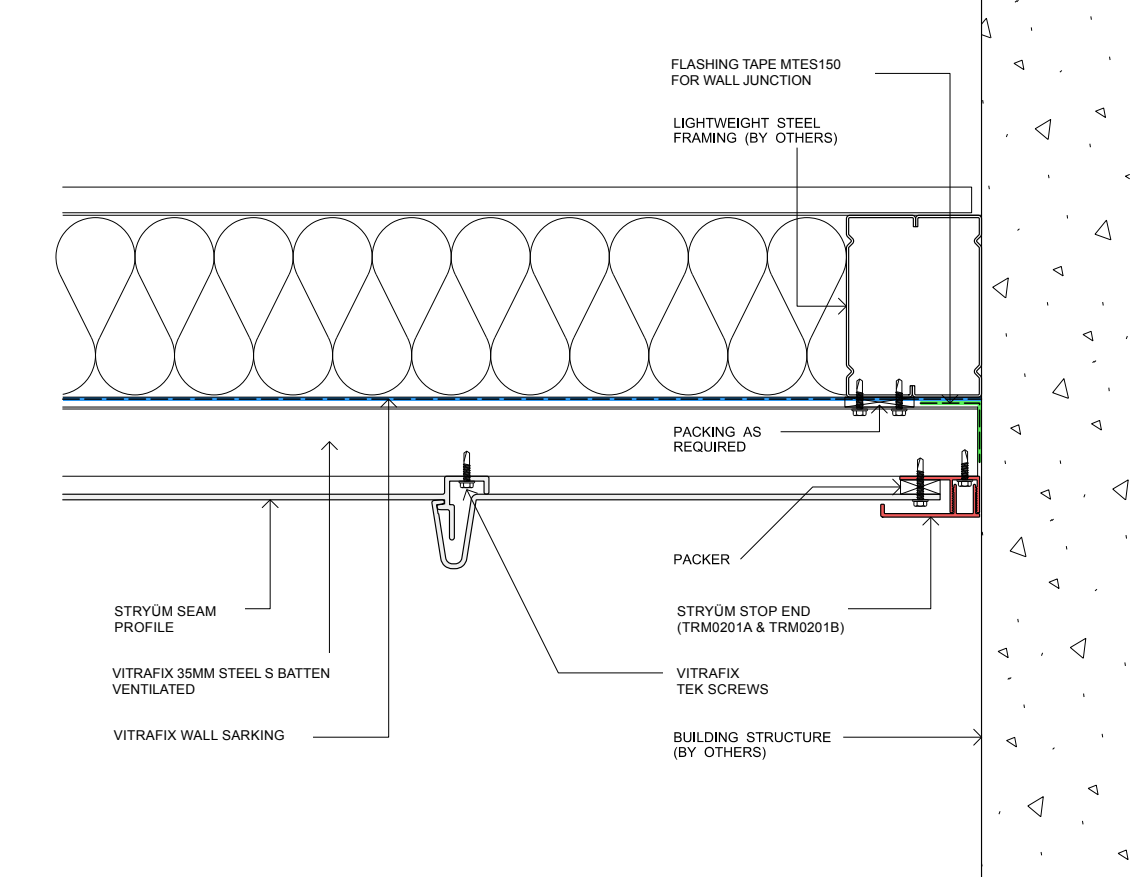
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V PANEL START



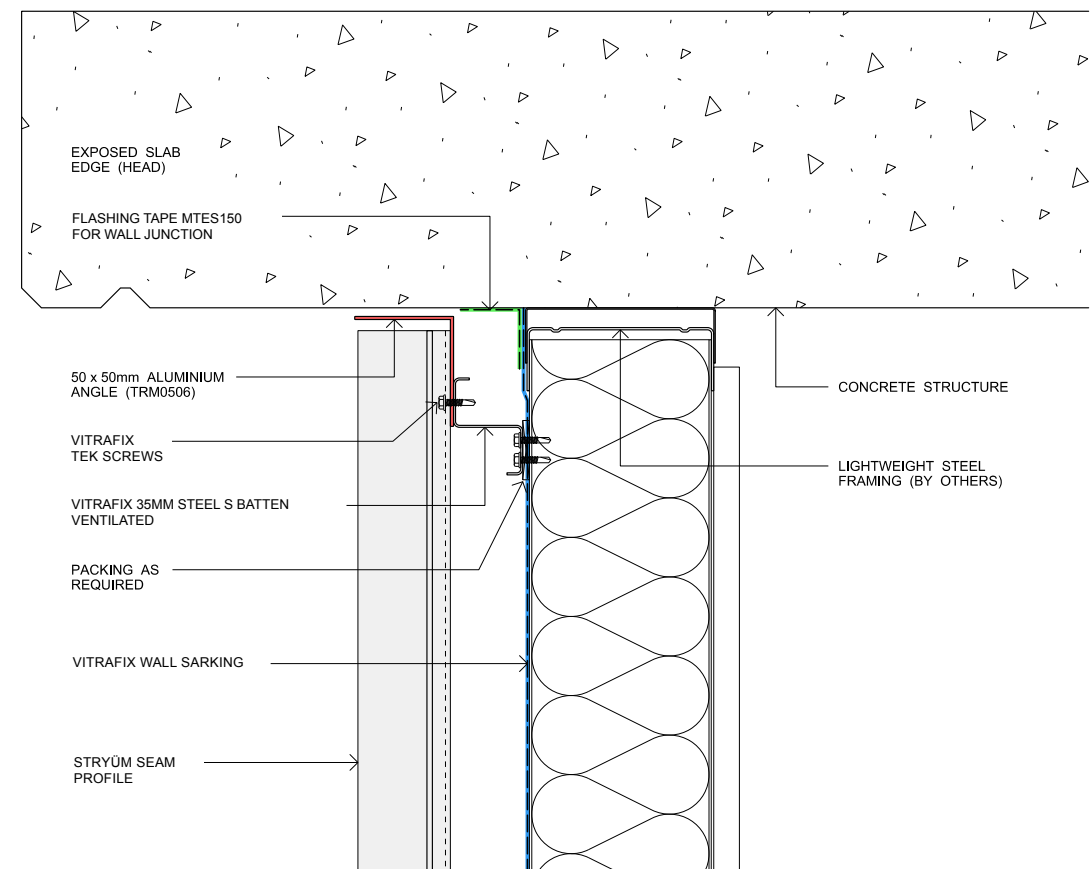
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V PANEL END



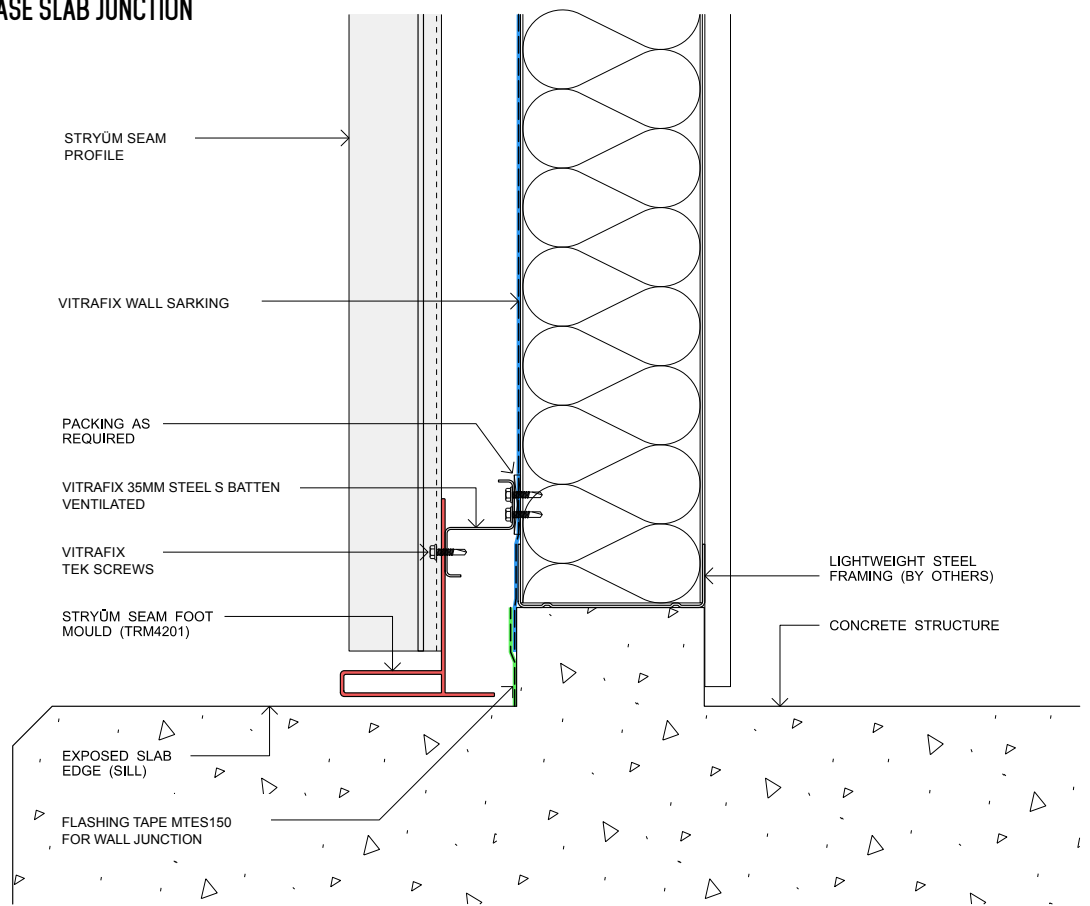
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V HEAD SLAB JUNCTION



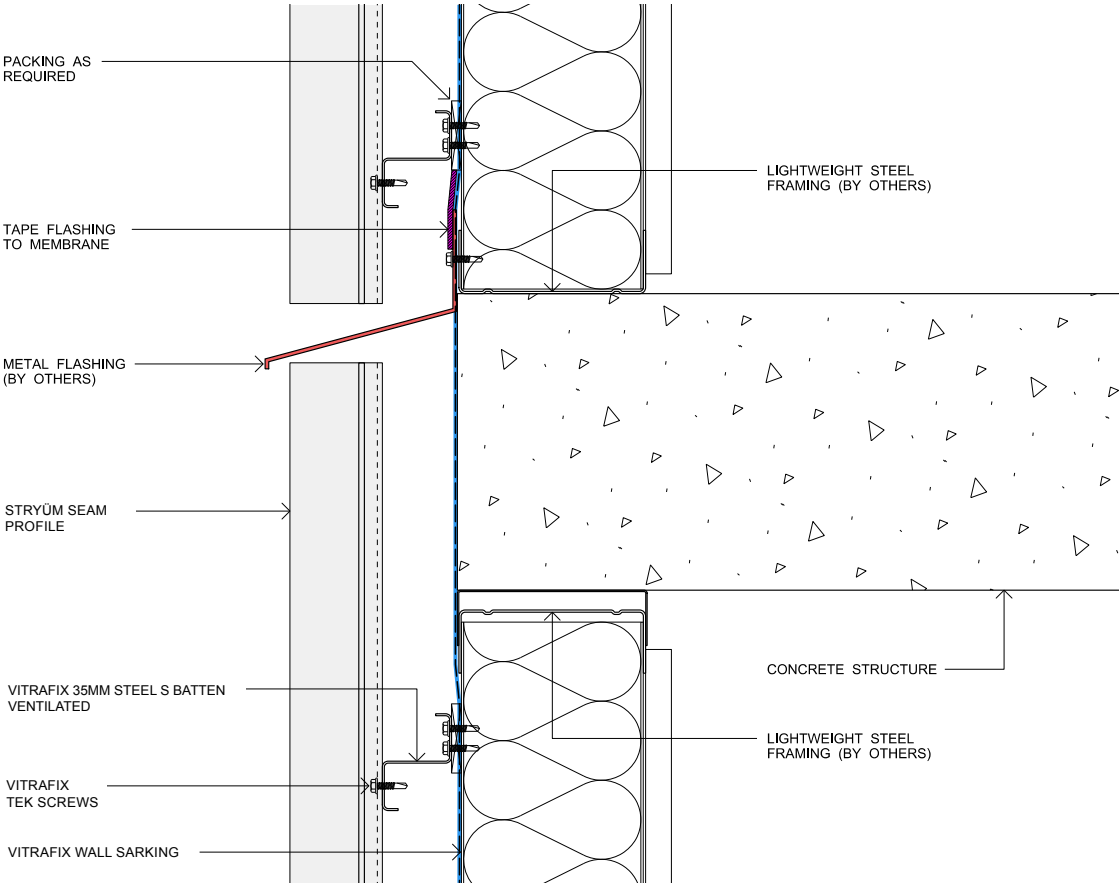
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V BASE SLAB JUNCTION



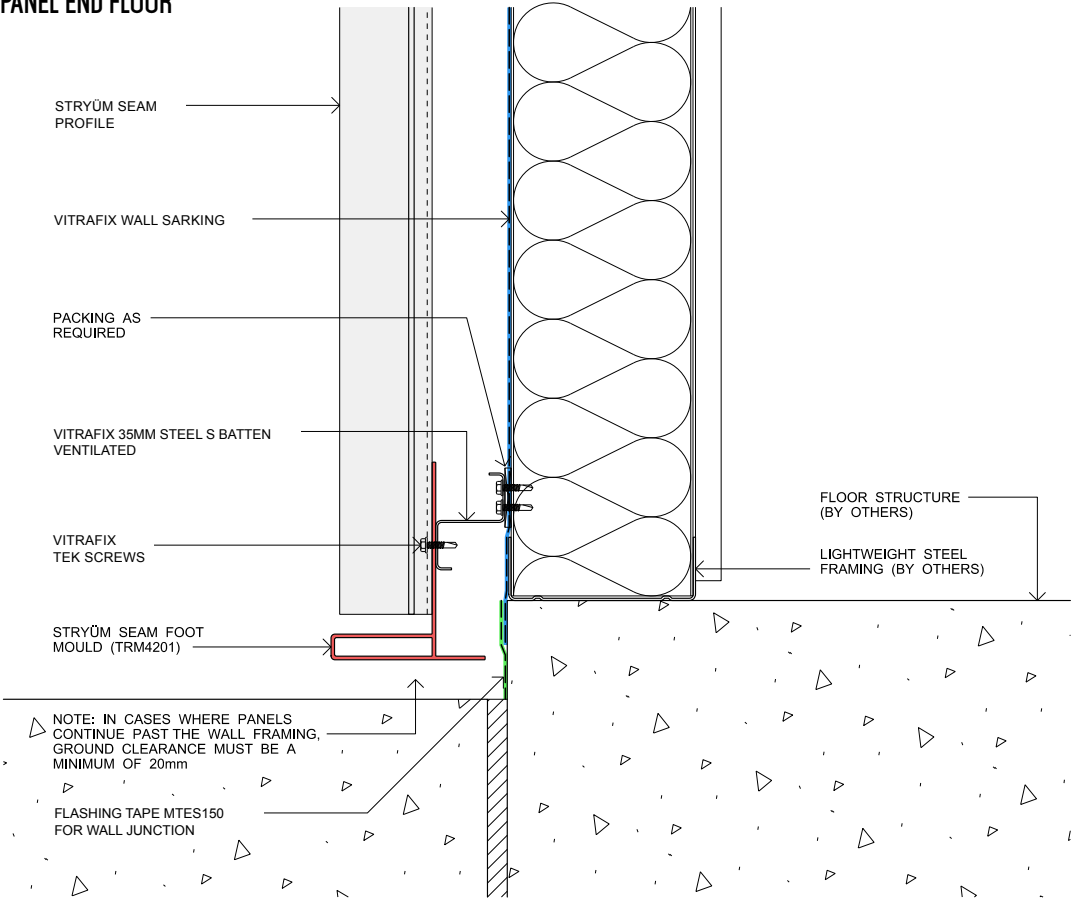
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V SLAB JUNCTION CONCEALED



Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V PANEL END FLOOR



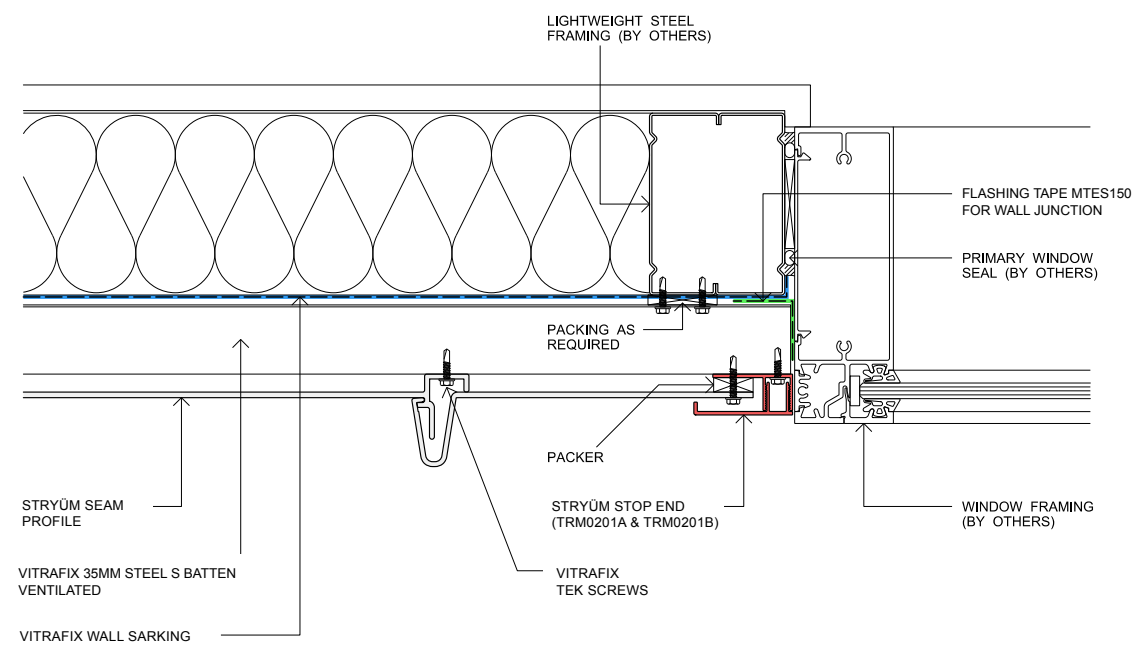
NOTE: IN CASES WHERE PANELS CONTINUE PAST THE WALL FRAMING, GROUND CLEARANCE MUST BE A MINIMUM OF 20mm

FLASHING TAPE MTES150 FOR WALL JUNCTION



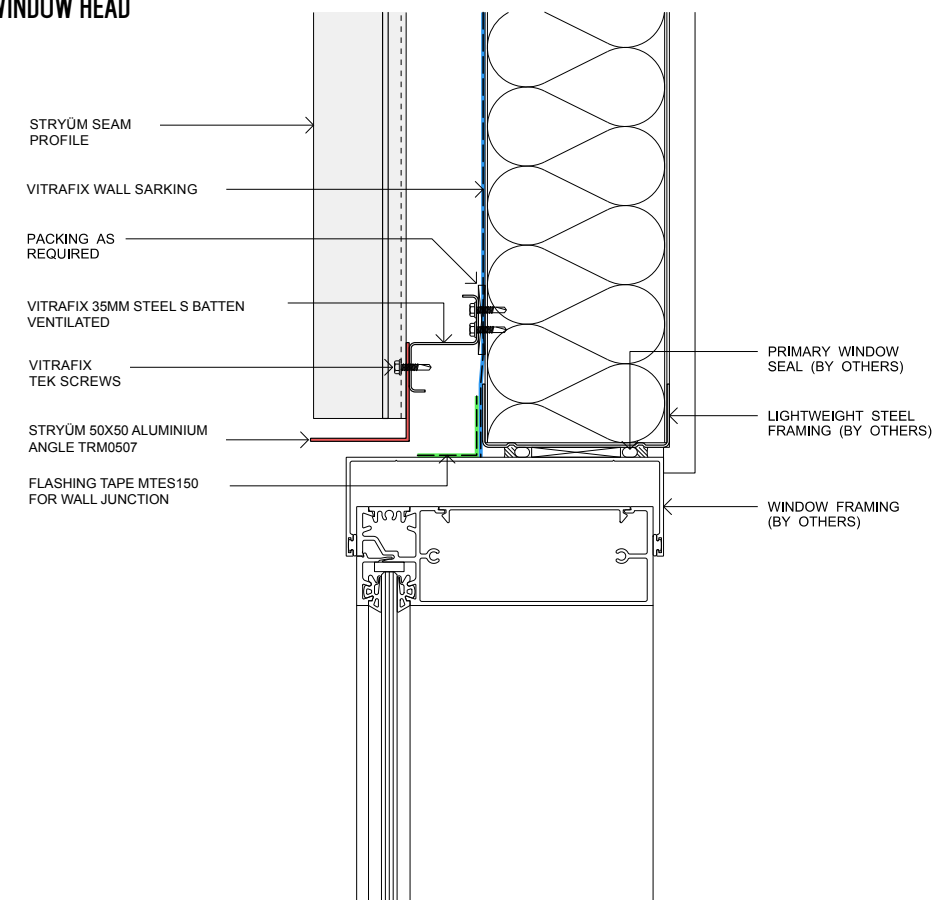
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V WINDOW JAM



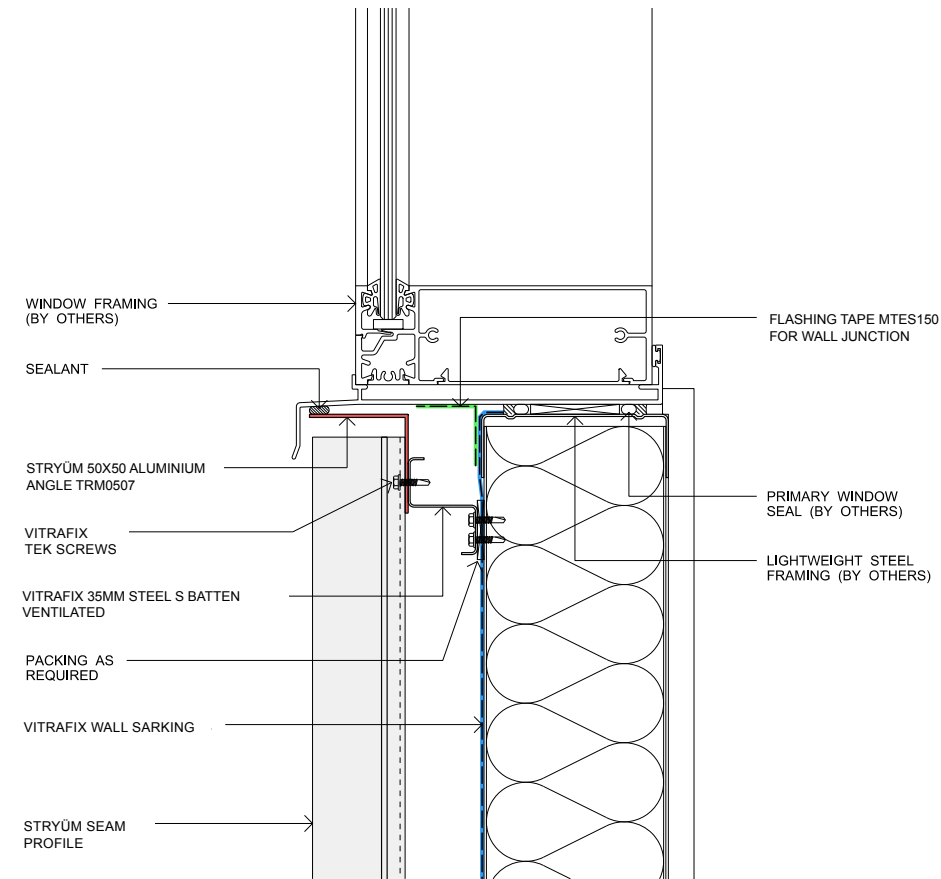
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V WINDOW HEAD



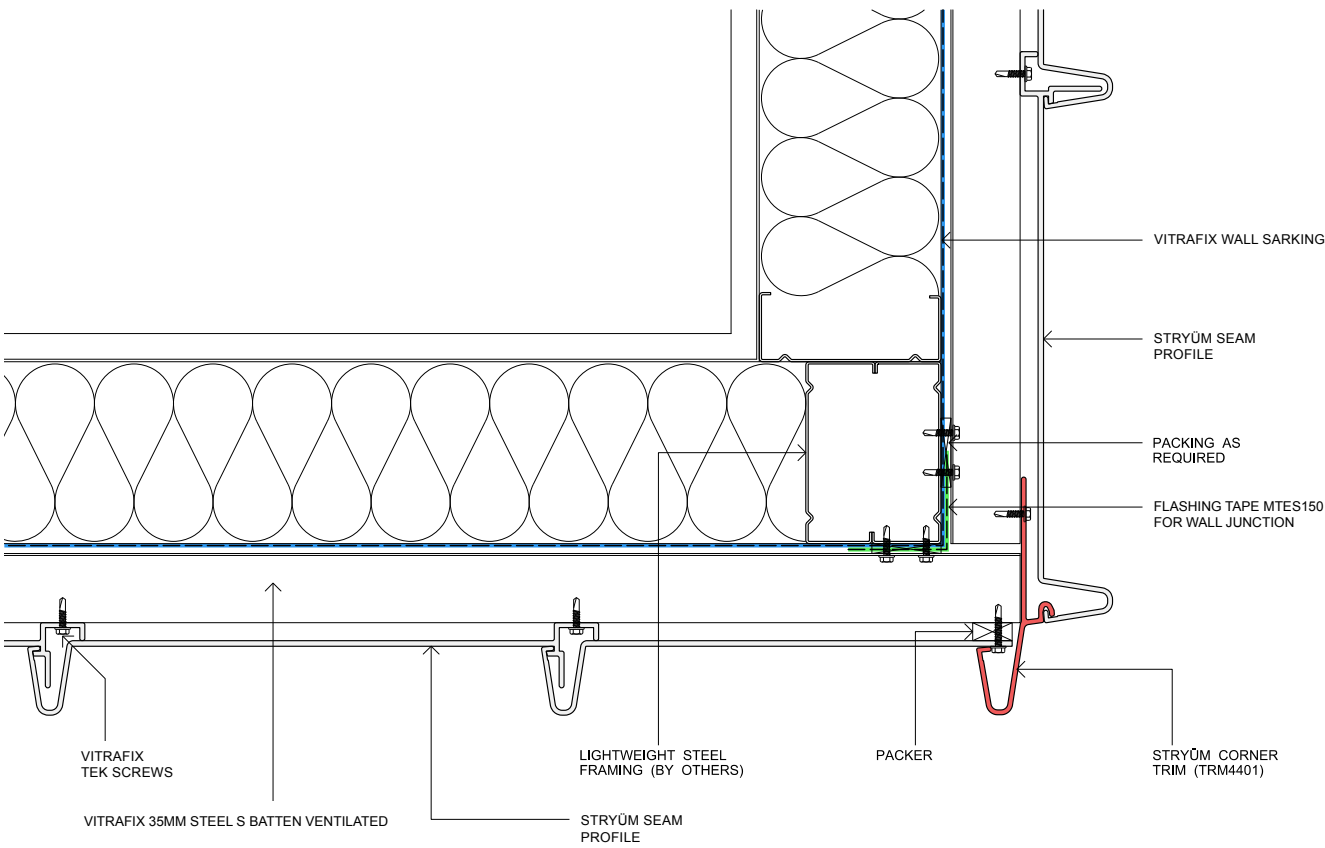
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V WINDOW SILL



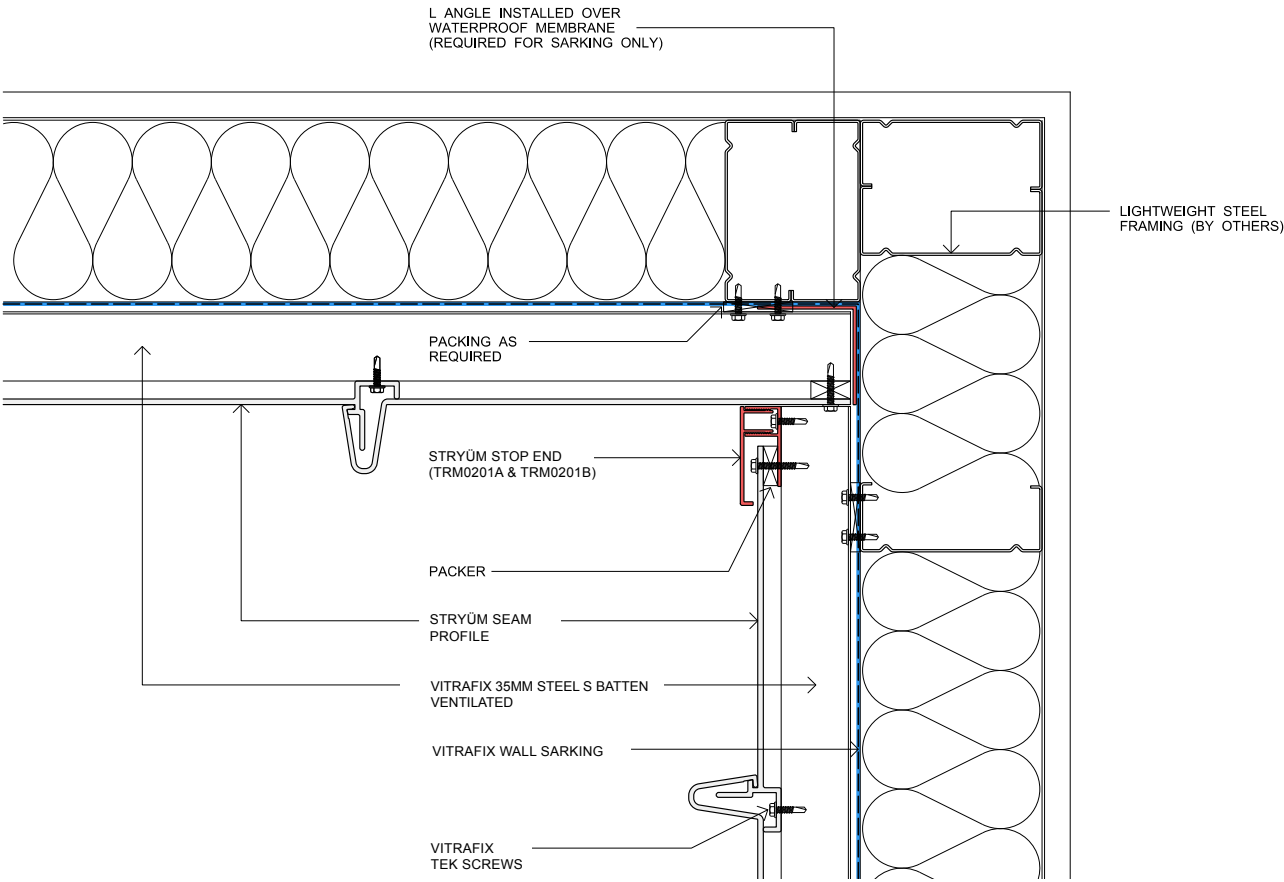
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V EXTERNAL CORNER



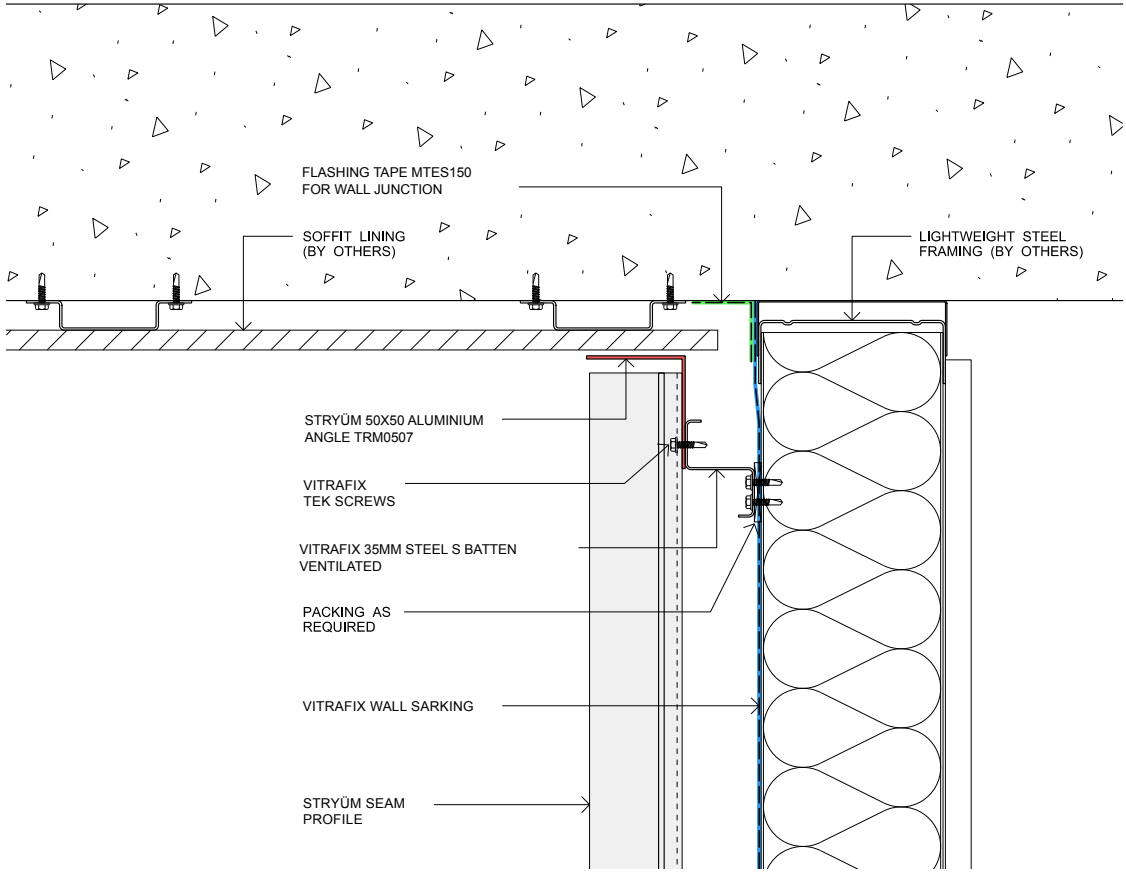
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V INTERNAL CORNER



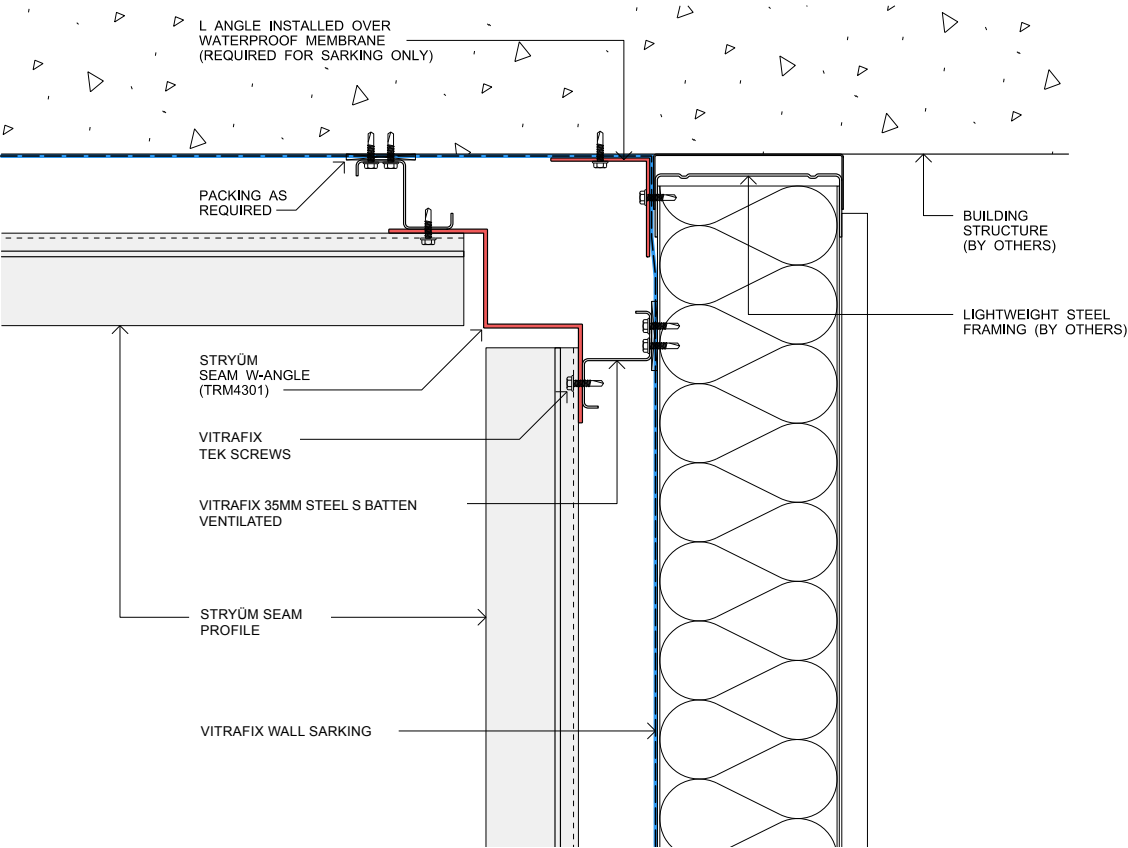
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V SOFFIT



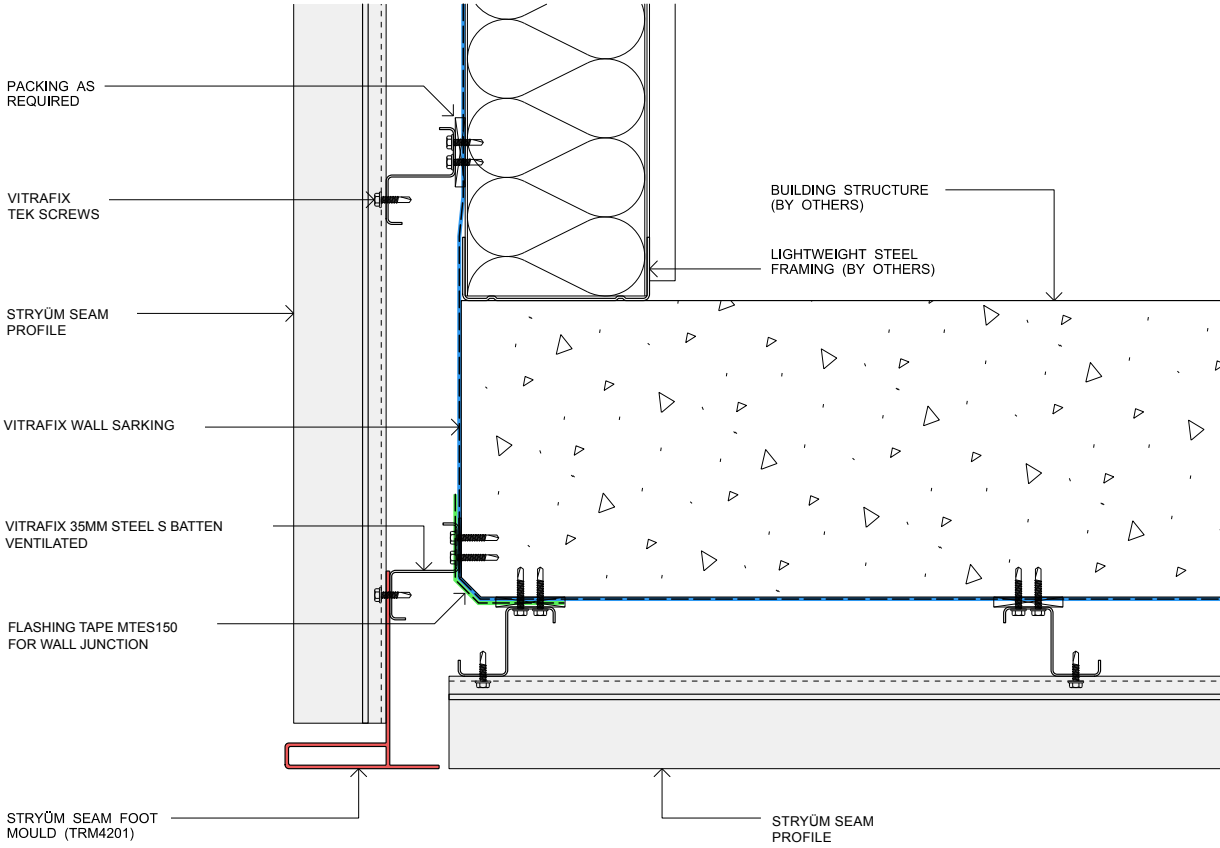
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V SOFFIT JUNCTION 1



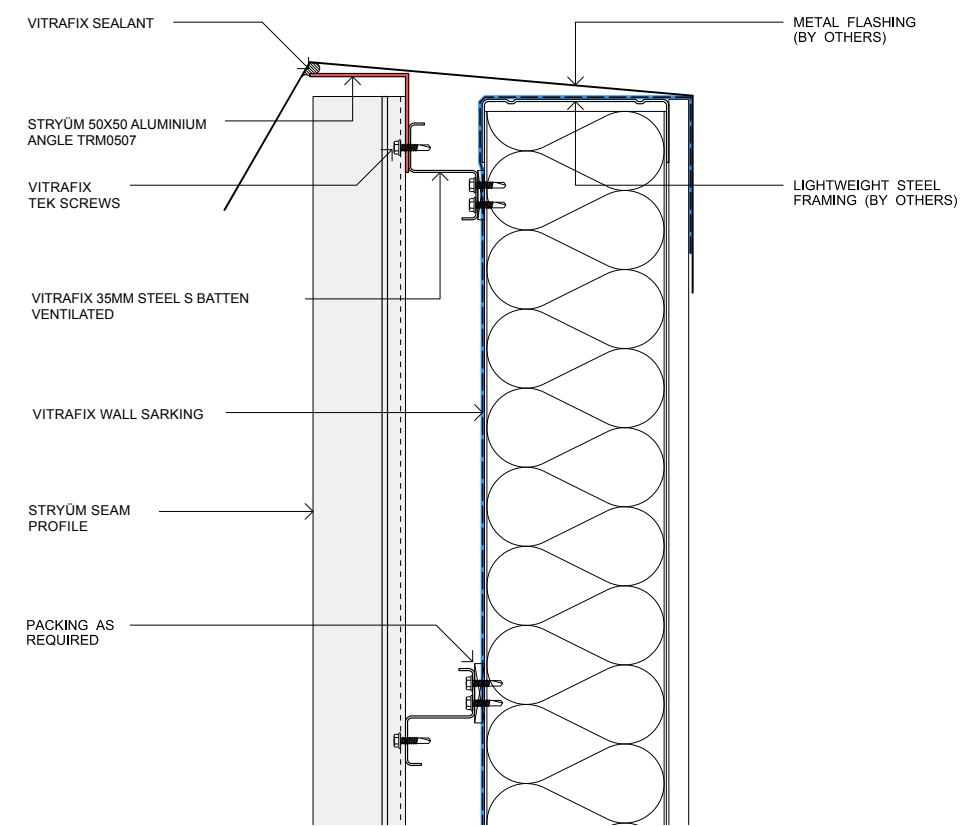
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V SOFFIT JUNCTION 2



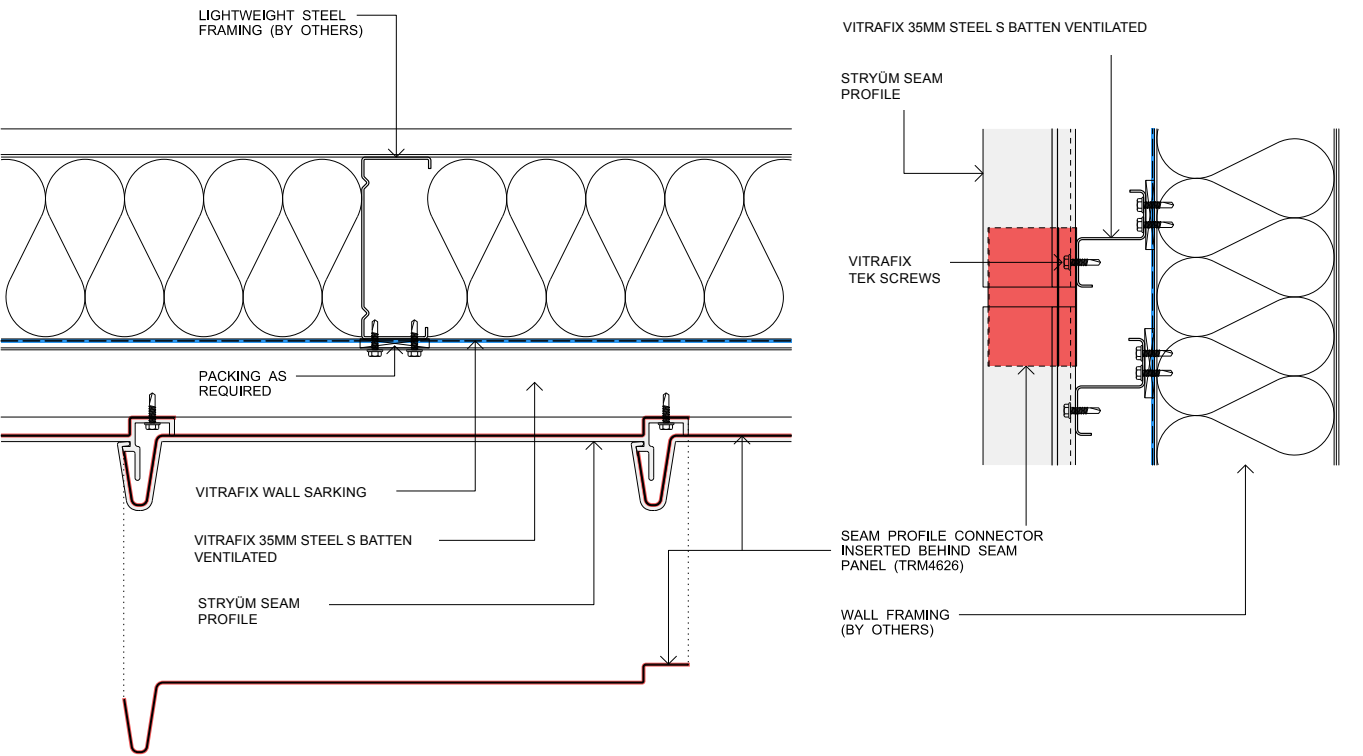
Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V PARAPET



Refer to section 7 for list of accessory and trim options to suit this installation detail.

SEAM V PANEL CONNECTOR



Refer to section 7 for list of accessory and trim options to suit this installation detail.

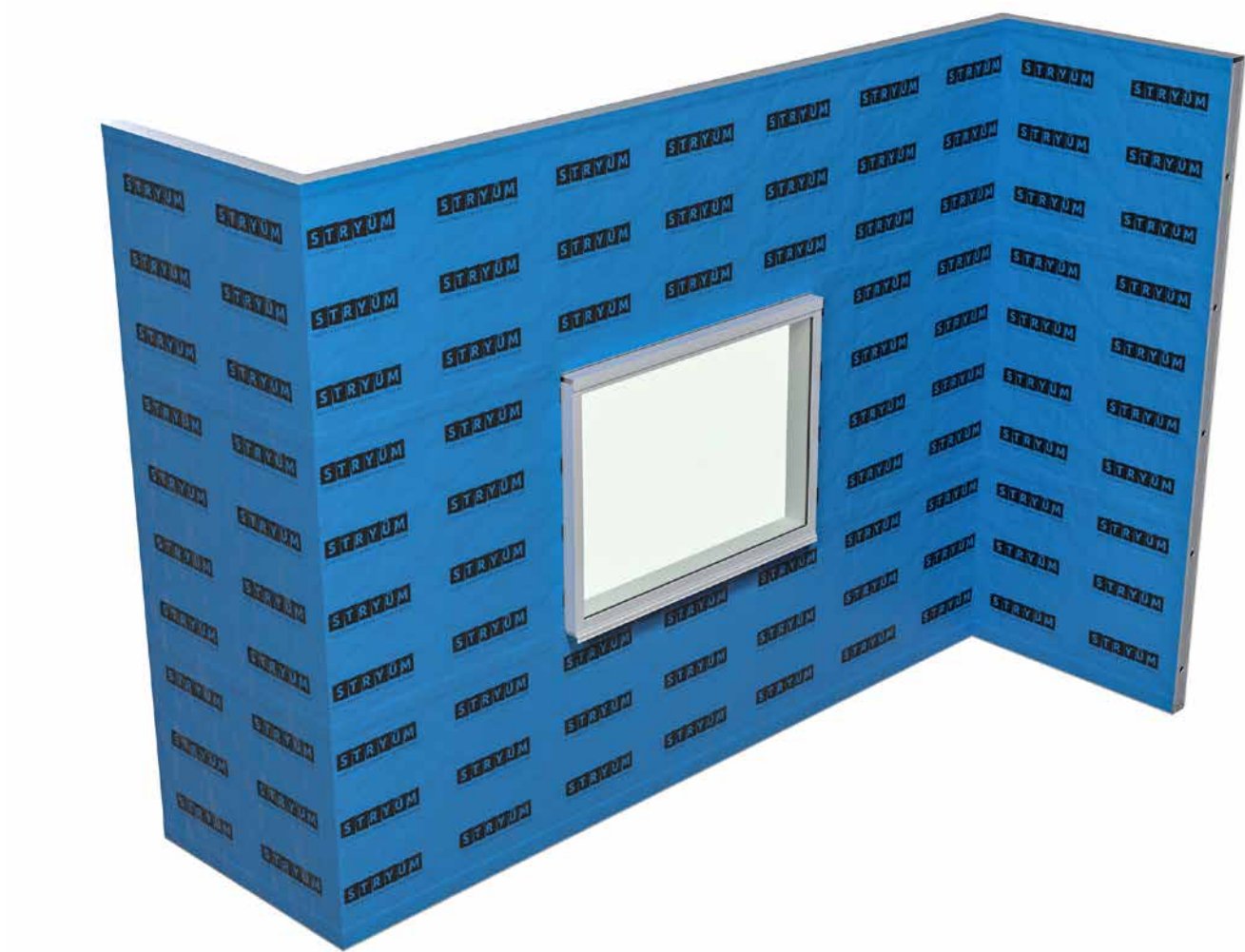
11. STEP HORIZONTAL

11.1 INSTALLATION GUIDE

STEP HORIZONTAL – INSTALLATION GUIDE

Please ensure you review the complete Stryüm Step details in section 7.3 to ensure you order all the required trims, the following step by step is a guide only.

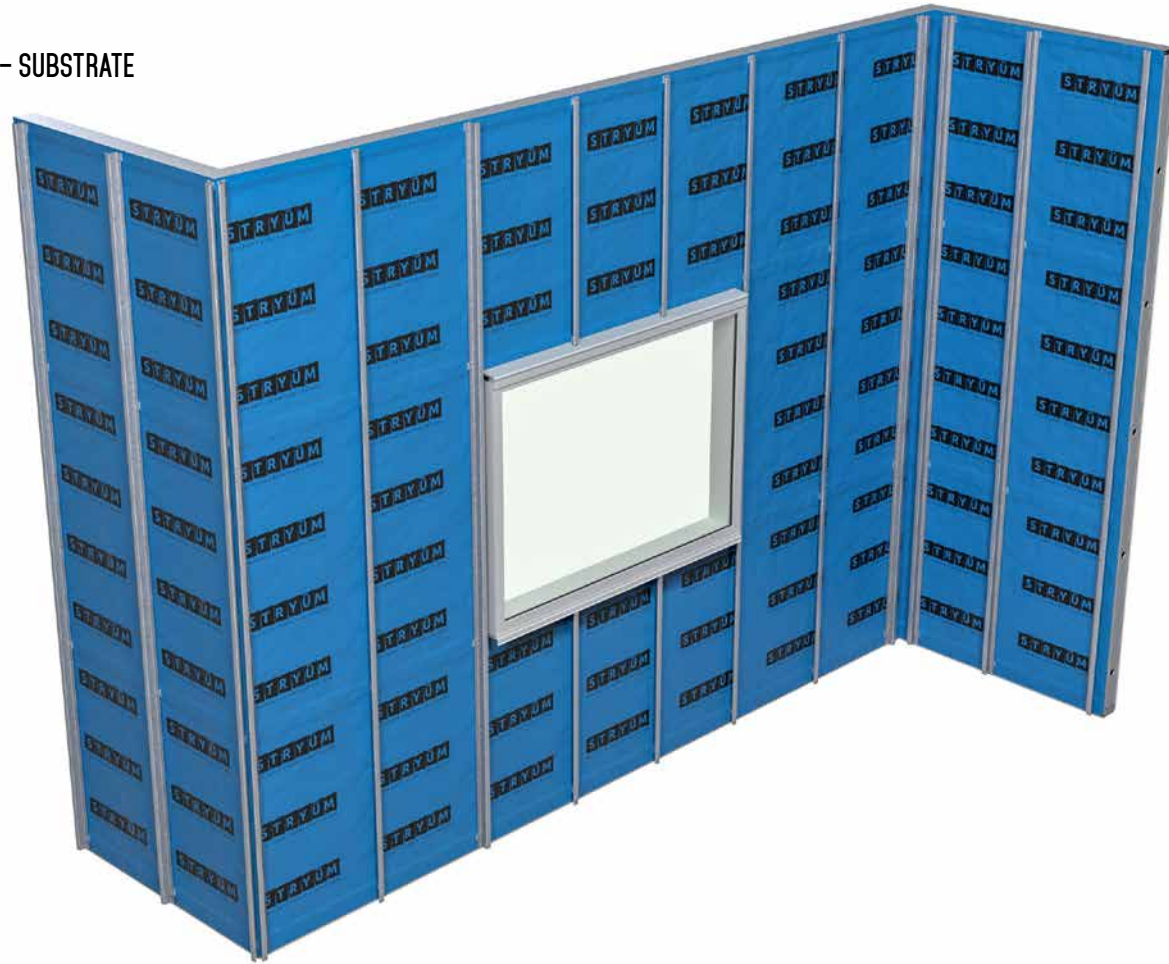
STEP 1 – WEATHERTIGHT MEMBRANE



As Stryüm is a rainscreen façade, a weathertight membrane must be installed over the supporting wall. This membrane needs to meet the project specific requirements for weathertightness and be installed as per manufacturers guidelines. All penetrations through the membrane must be sealed.

*Refer to section 7 for the full list of membranes and accessories available to suit this installation detail.

STEP 2 – SUBSTRATE



Packers for a plumb substrate and ventilation need to be installed as required prior to the installation of the Vitrafix 35mm Ventilated Steel S Battens.

Install Vitrafix 35mm Ventilated Steel S Battens, substrate vertically. The substrate needs to be level to ensure the cladding is flat once installed. Any imperfections in this substrate will be highlighted once the panels are installed.

Vitrafix 35mm Ventilated Steel S Battens are installed at maximum 600mm centres. Project specific requirements may dictate shorter span lengths.

STEP 3 – VERTICAL TRIMS



STEP X SECTION
TRM5401



STEP W SECTION
TRM5301



20X70X1.6 L ANGLW TRM0508

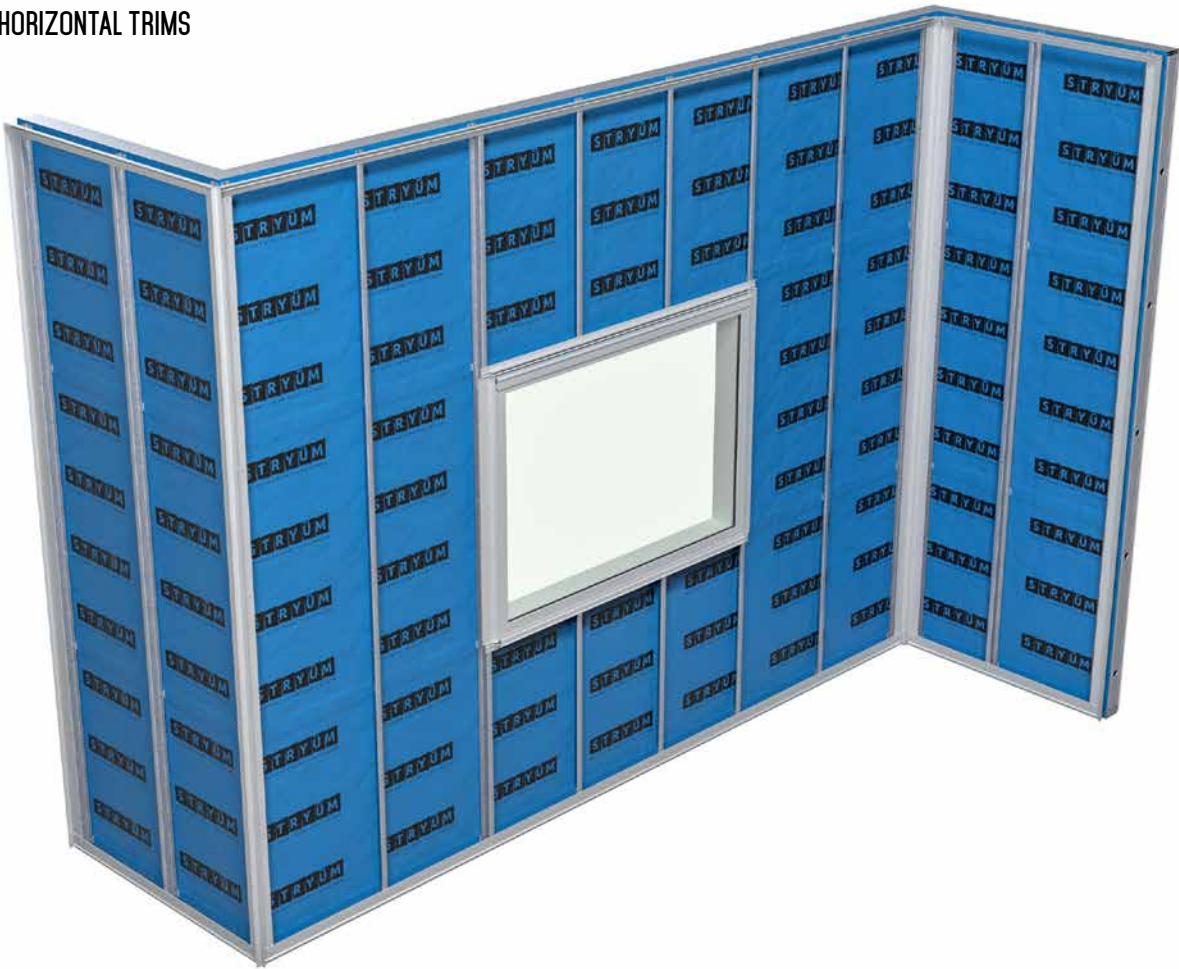


Install the vertical trims for the cladding, at the left and right of the cladding section, at either side of any wall penetrations, and at any corners. When installing down to an adjacent flat surface such as a garden bed or pathway, a minimum of 150mm from the ground is recommended to prevent rain splash back dirtying the façade.

If the cladding is being completed in sections, it is important the trims for either side of a cladding zone are installed prior to the cladding being installed to ensure a clean finish.

Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 4 – HORIZONTAL TRIMS



STOP END (FEMALE)
TRM0201B



STEP STARTER STRIP
TRM5101

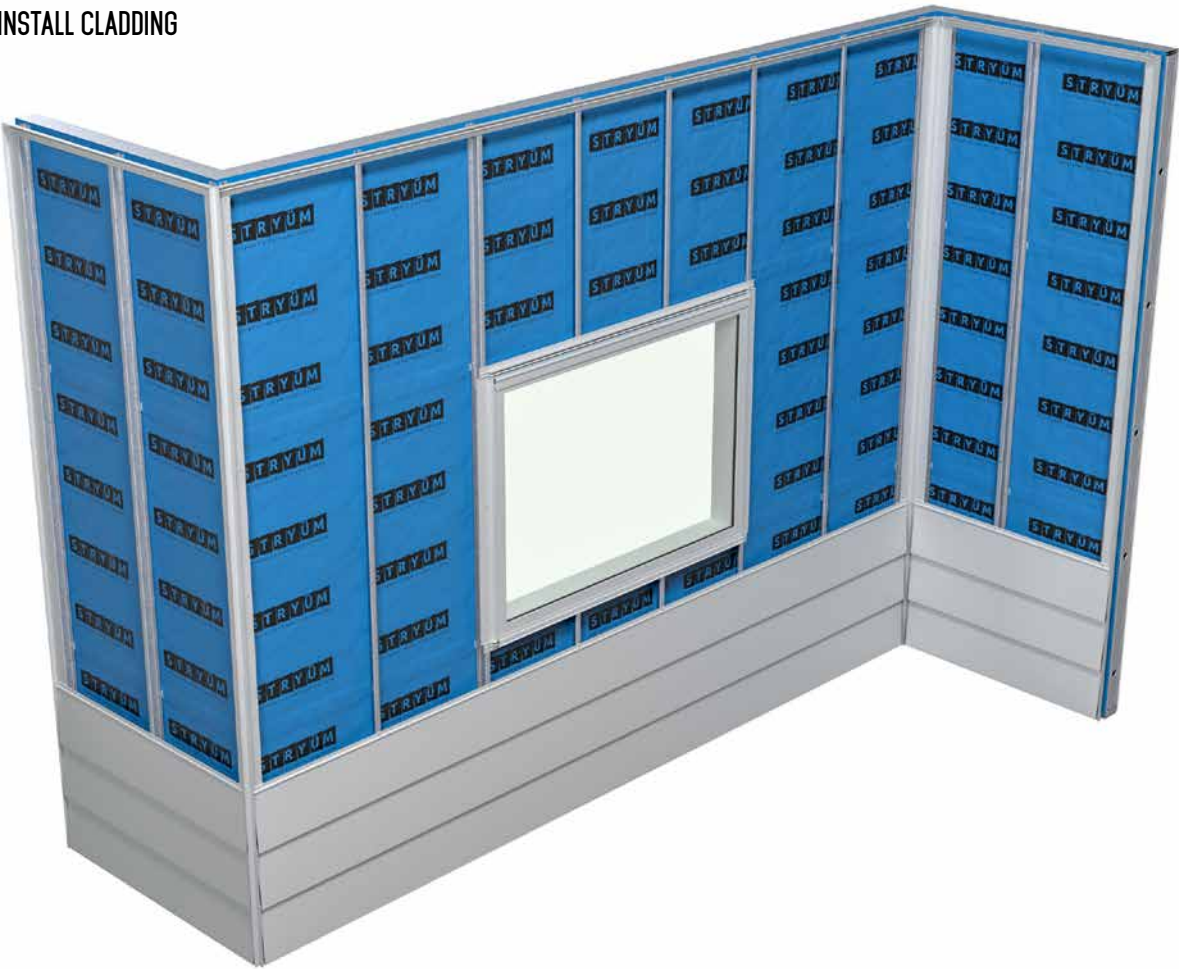


STOP END (FEMALE)
TRM0201B



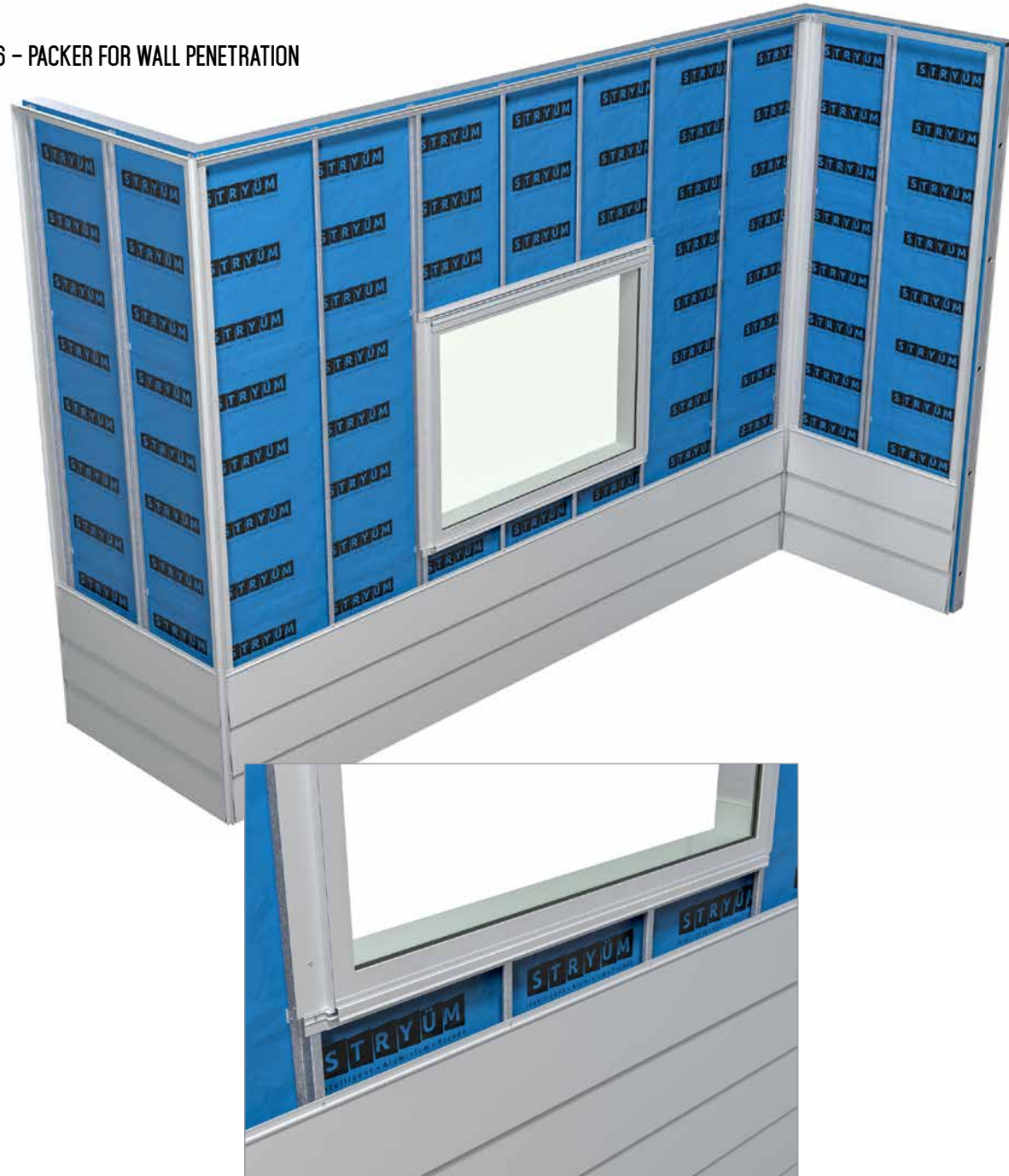
Install the horizontal trims for the cladding, at the top and bottom of the cladding section, above and below any wall penetrations, and at any slab junctions.
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP 5 – INSTALL CLADDING



Install the cladding by cutting the panels to length, hooking the panel into the previous panel, and affixing to the Ventilated S Batten. Due to the rainscreen façade system Stryum utilizes, a minimum airflow gap of 10mm must be maintained at the top and bottom of the cavity.

STEP 6 – PACKER FOR WALL PENETRATION



STEP 7 – INSTALL CLADDING



Due to the sloping nature of Step, the depth packer required to support the panel around wall penetrations will depend on where the penetrations sit down the panel. Measure carefully where the panel needs to be cut, and calculate the packer required before.

This step will need to be repeated for any wall penetration, including the window head, and the top of any wall sections including slab junction, parapet and soffit details.

STEP 8 - CLIP ON COVER PIECE



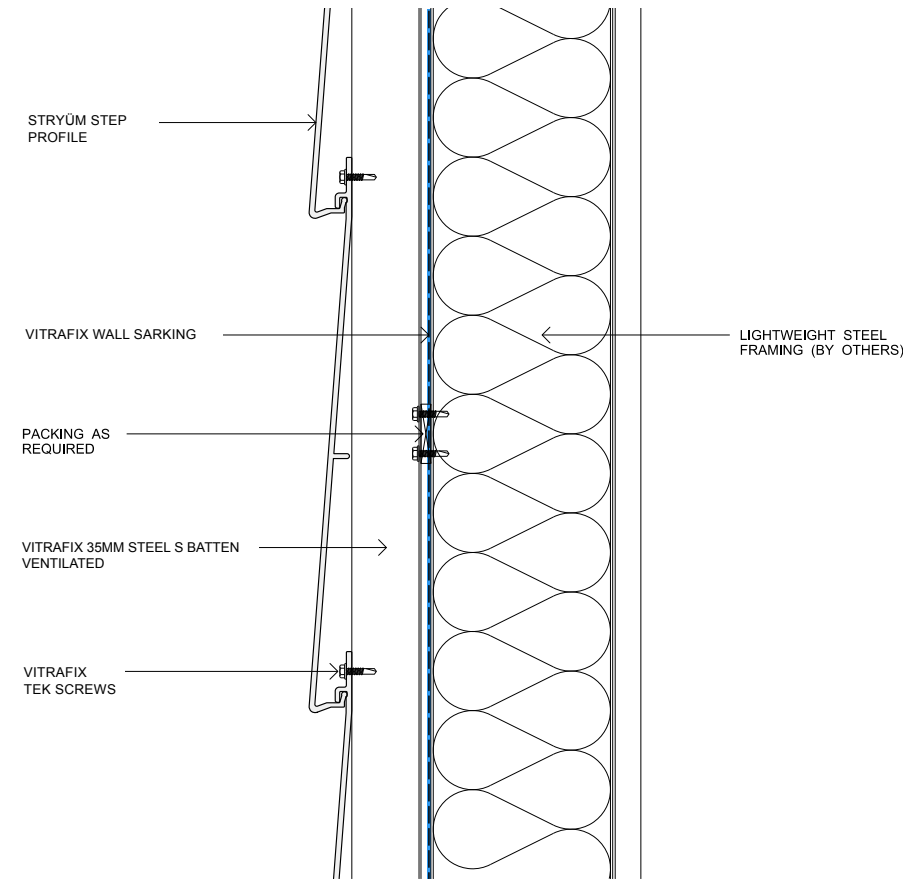
Install the cover sections to the two-piece trims to conceal rivets and cut edges. Push firmly into place, a rubber mallet may be used paying careful attention to the finish. Refer to section 7 for list of accessory and trim options to suit this installation detail.

11. STEP HORIZONTAL

11.2 GENERAL DETAILS

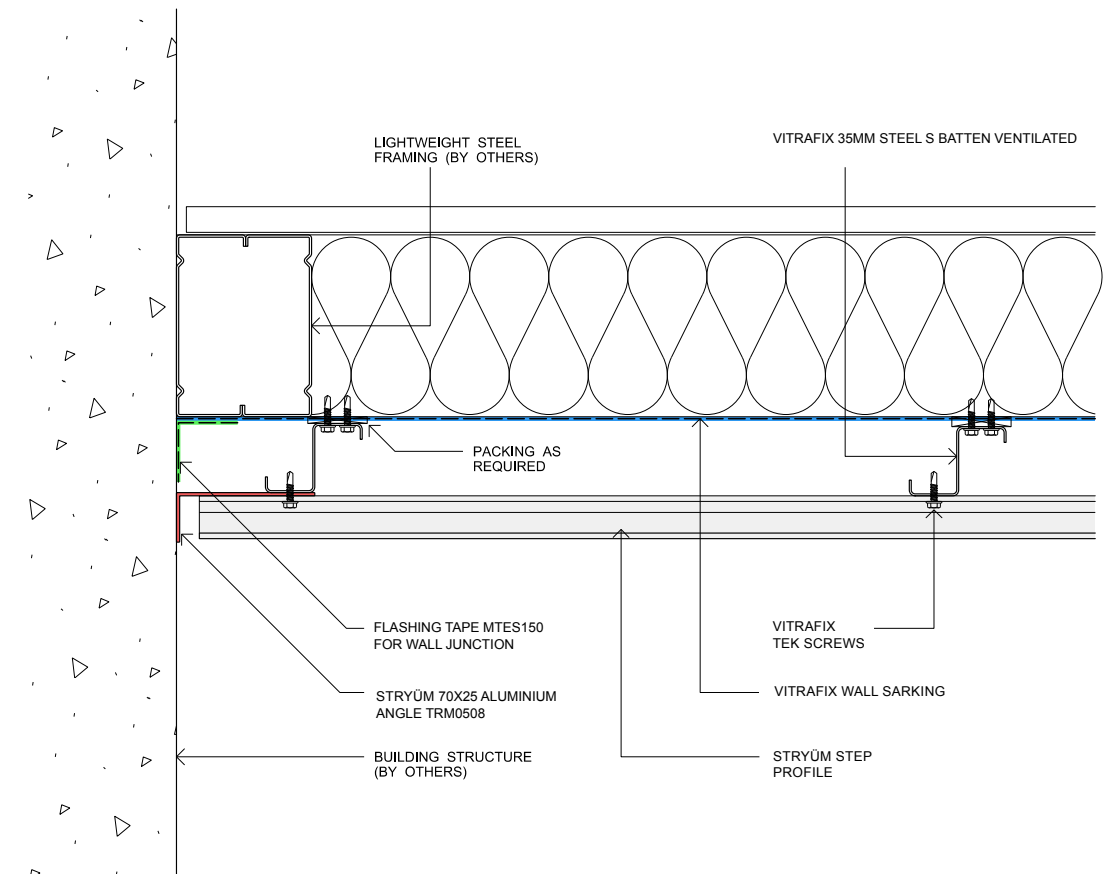
STEP HORIZONTAL – GENERAL DETAILS

STEP H PANEL CONNECTION



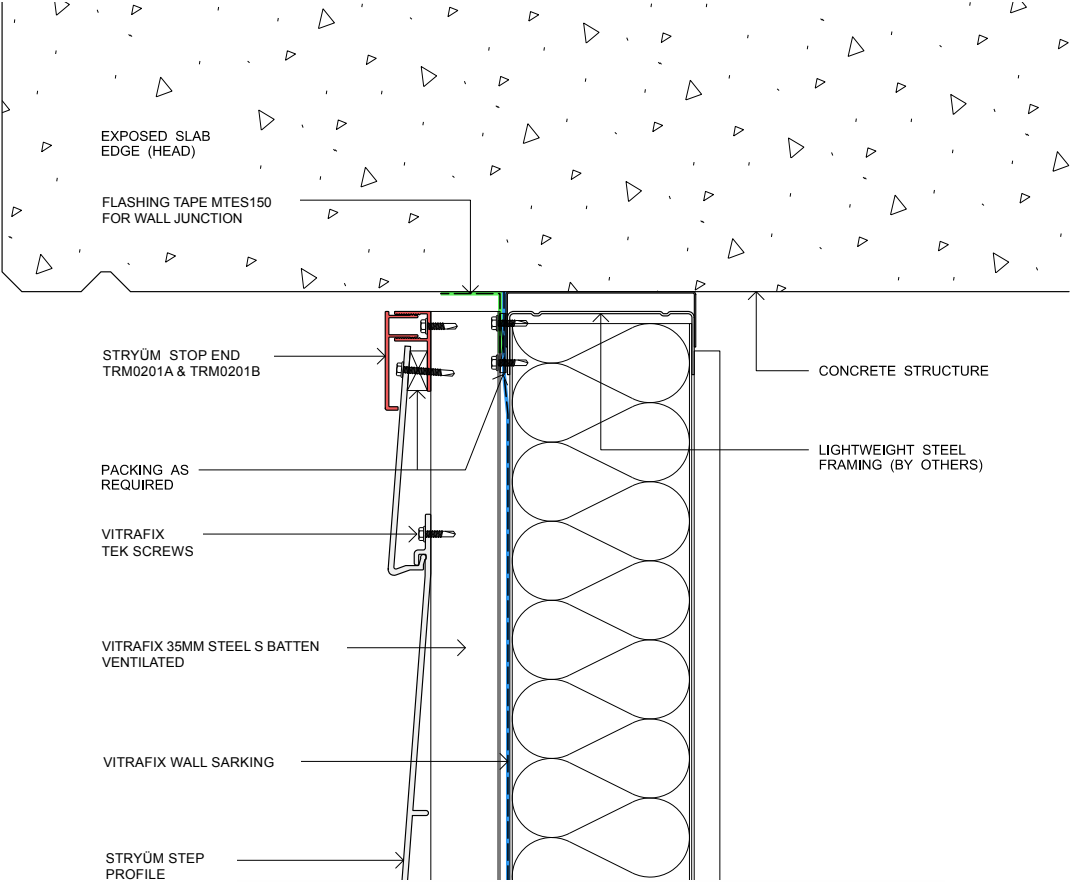
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H PANEL START END



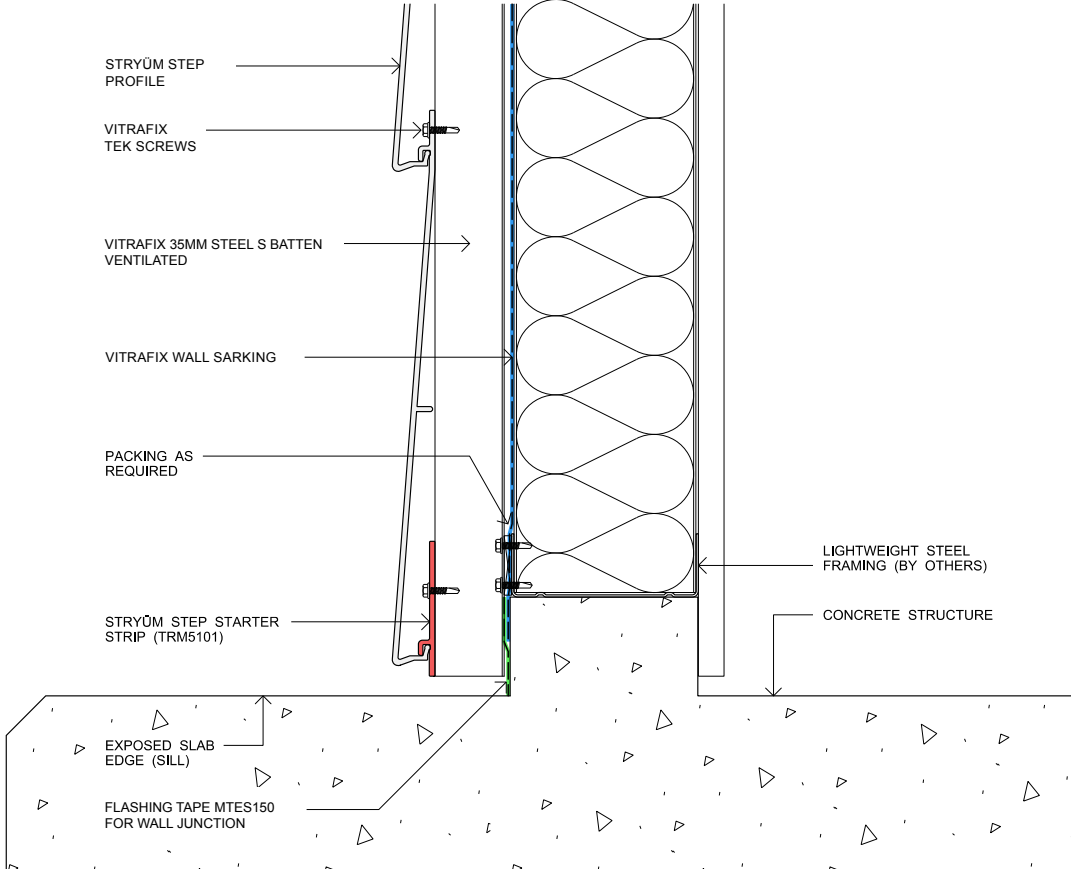
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H SLAB JUNCTION



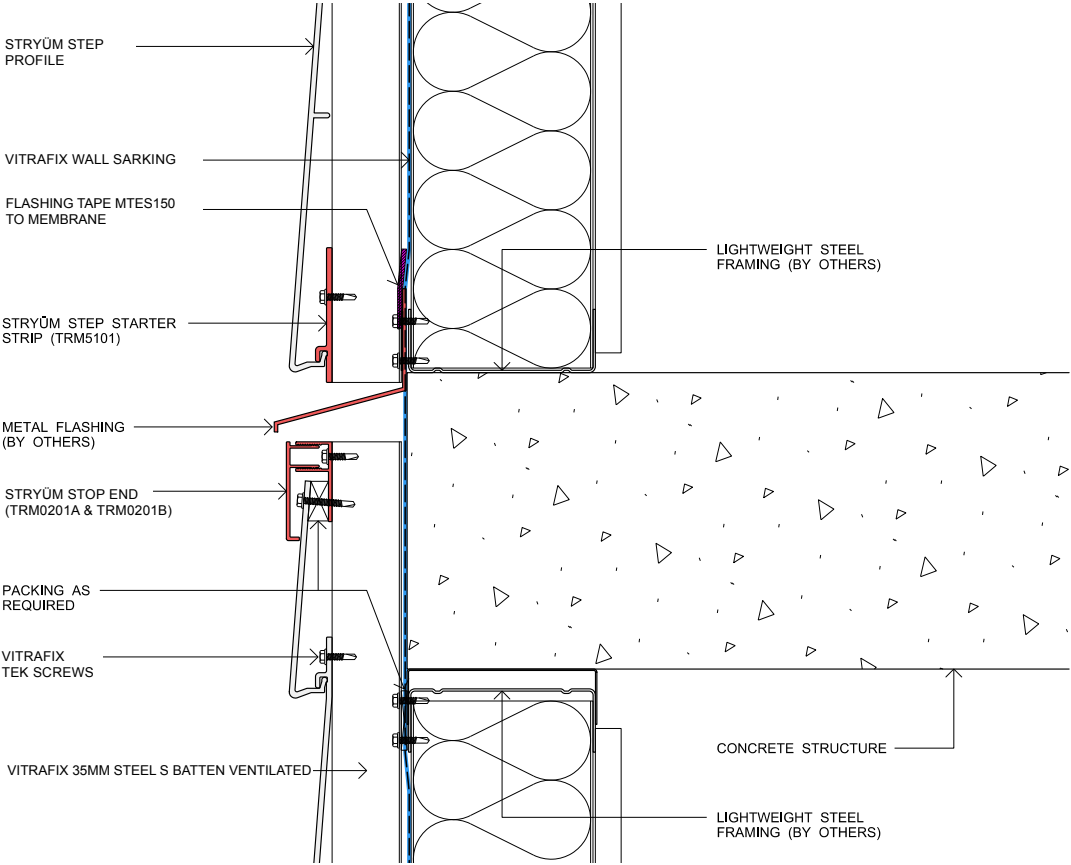
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H BASE SLAB JUNCTION



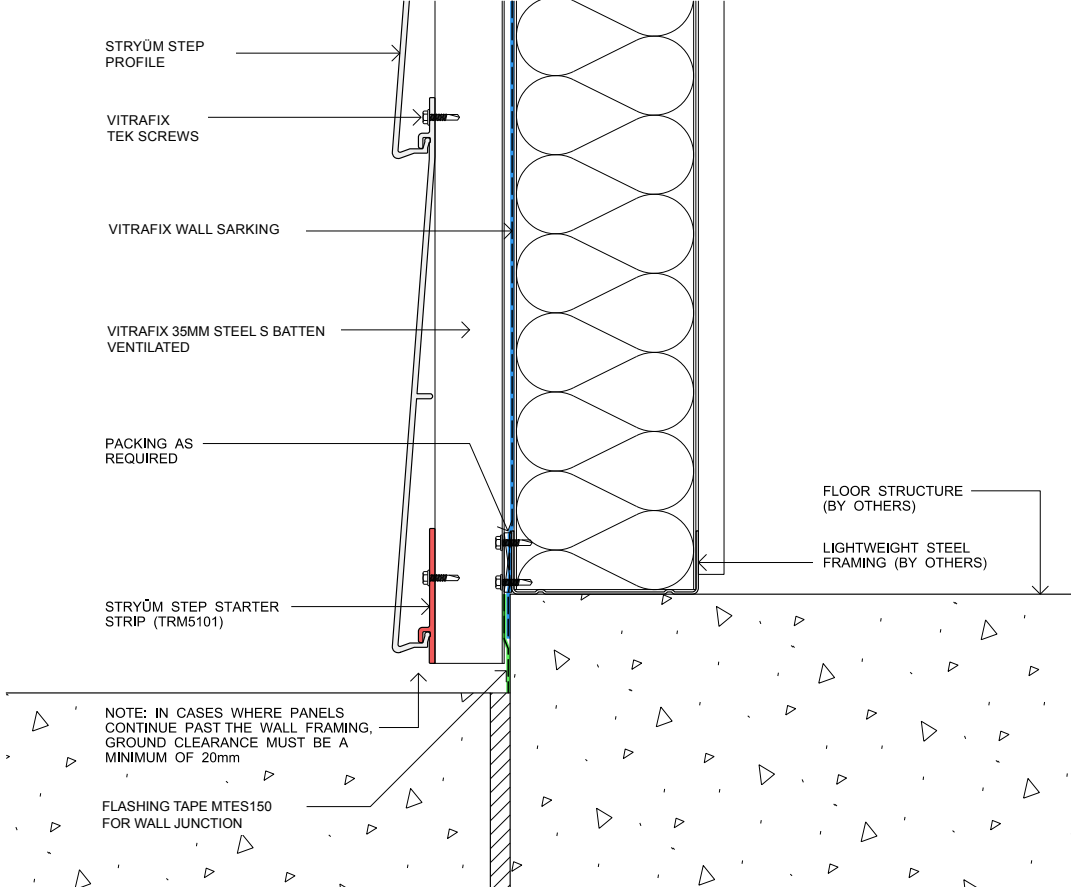
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H SLAB JUNCTION CONCEALED



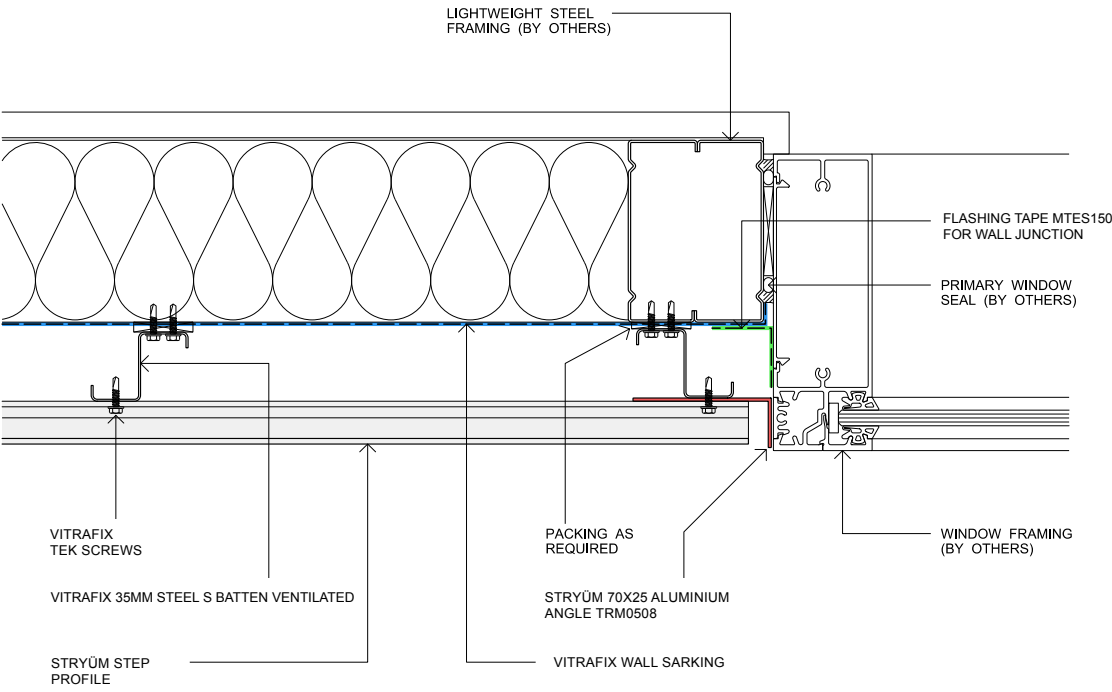
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H PANEL END FLOOR



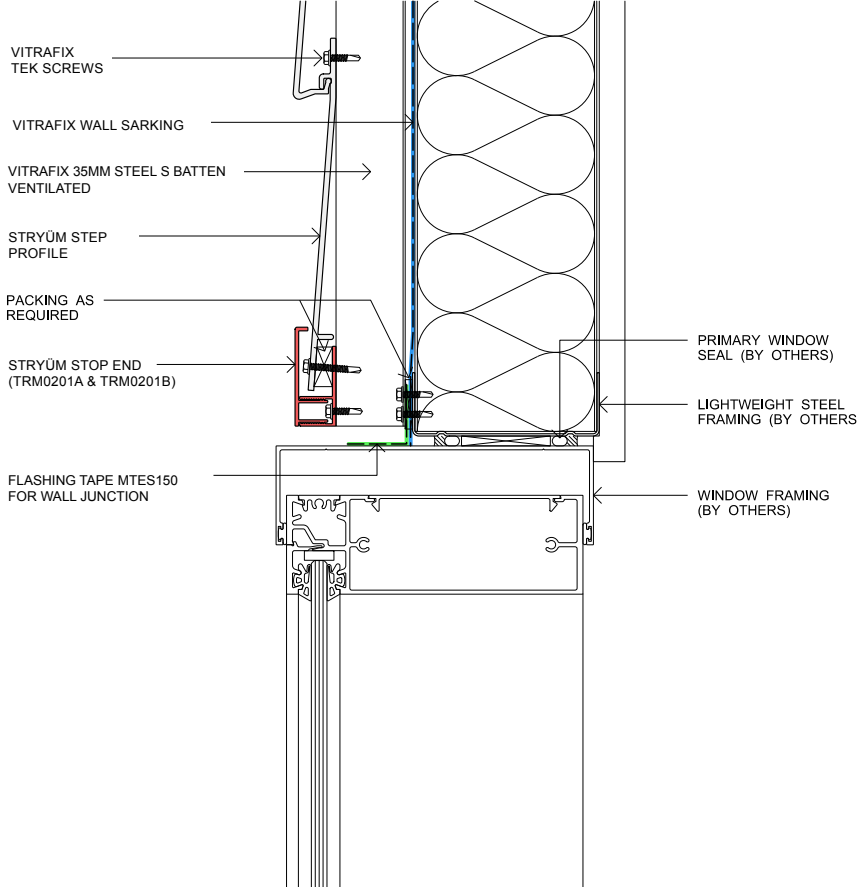
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H WINDOW JAM



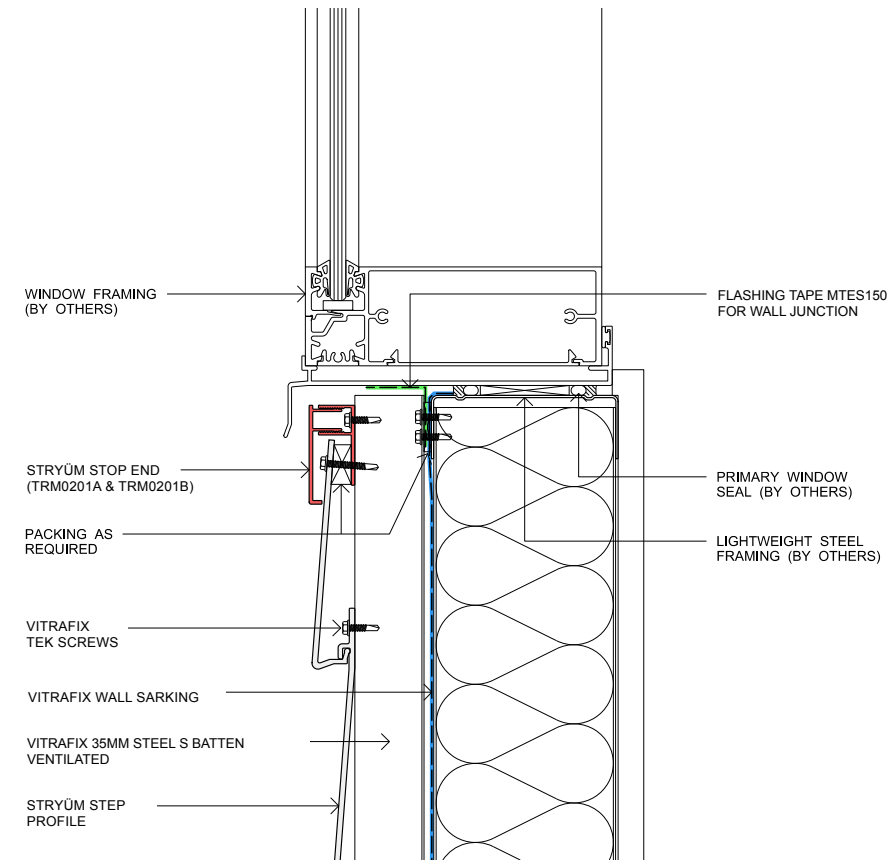
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H WINDOW HEAD



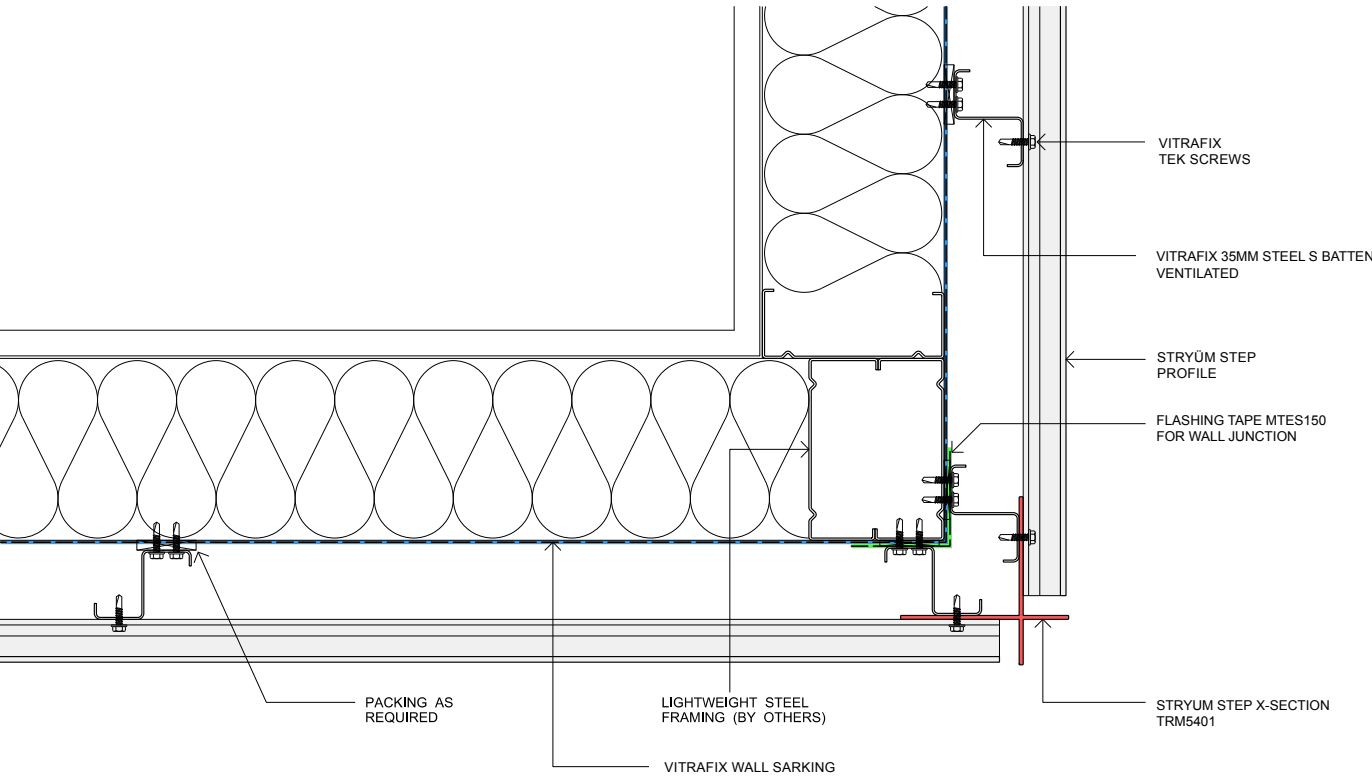
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H WINDOW SILL



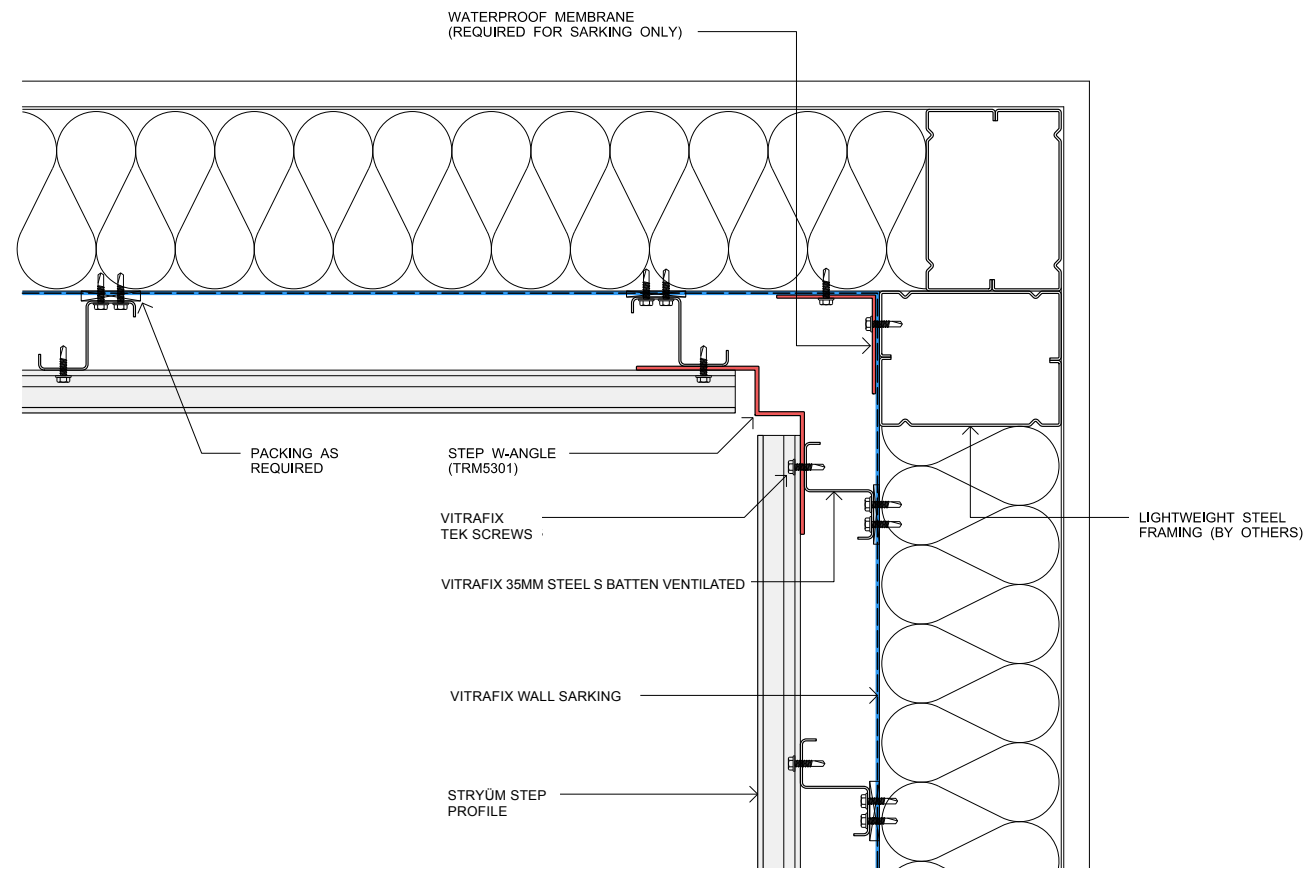
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H EXTERNAL CORNER



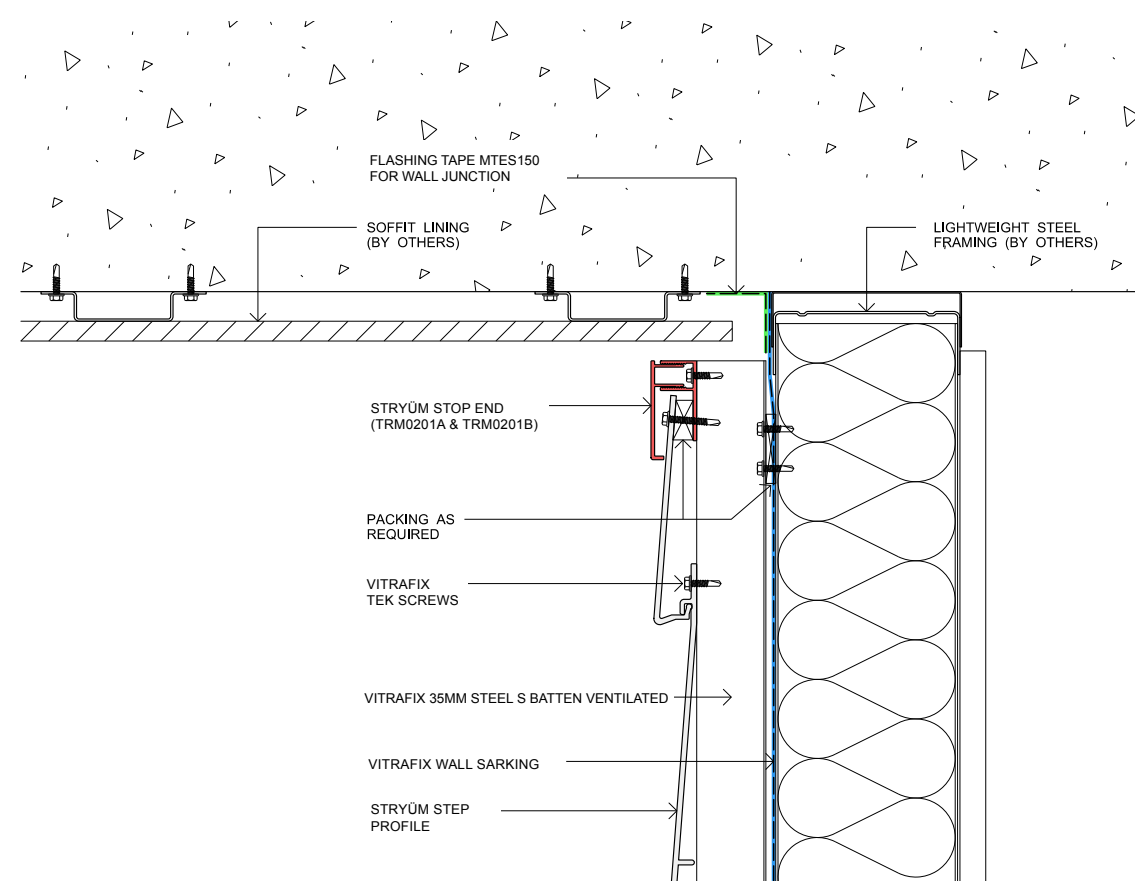
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H INTERNAL CORNER



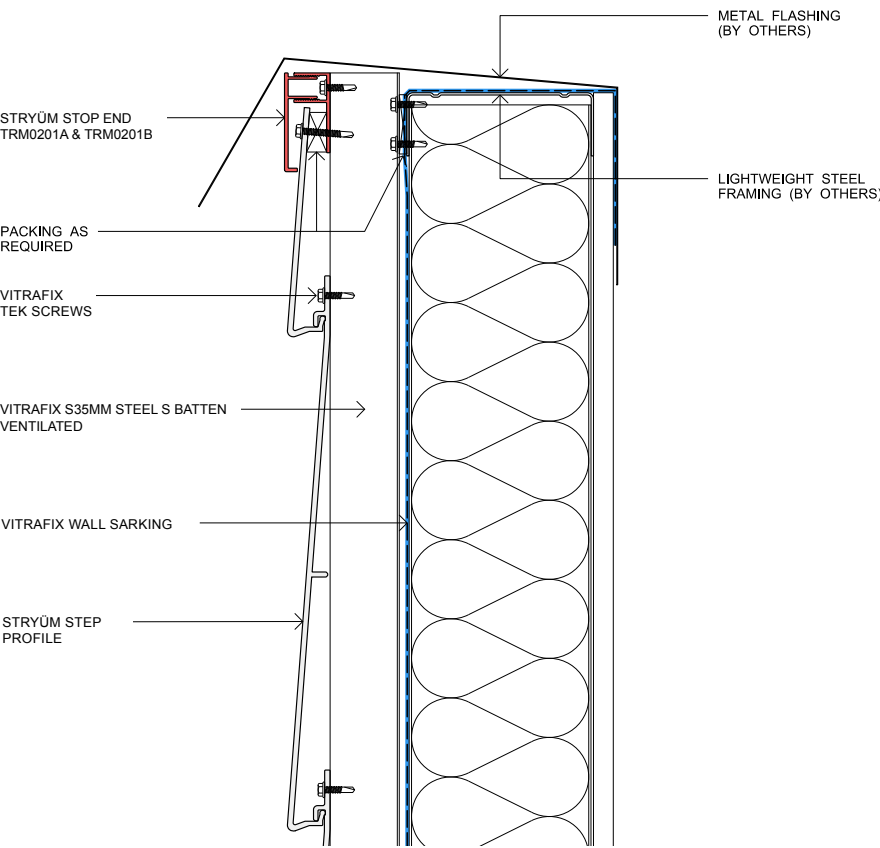
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H SOFFIT



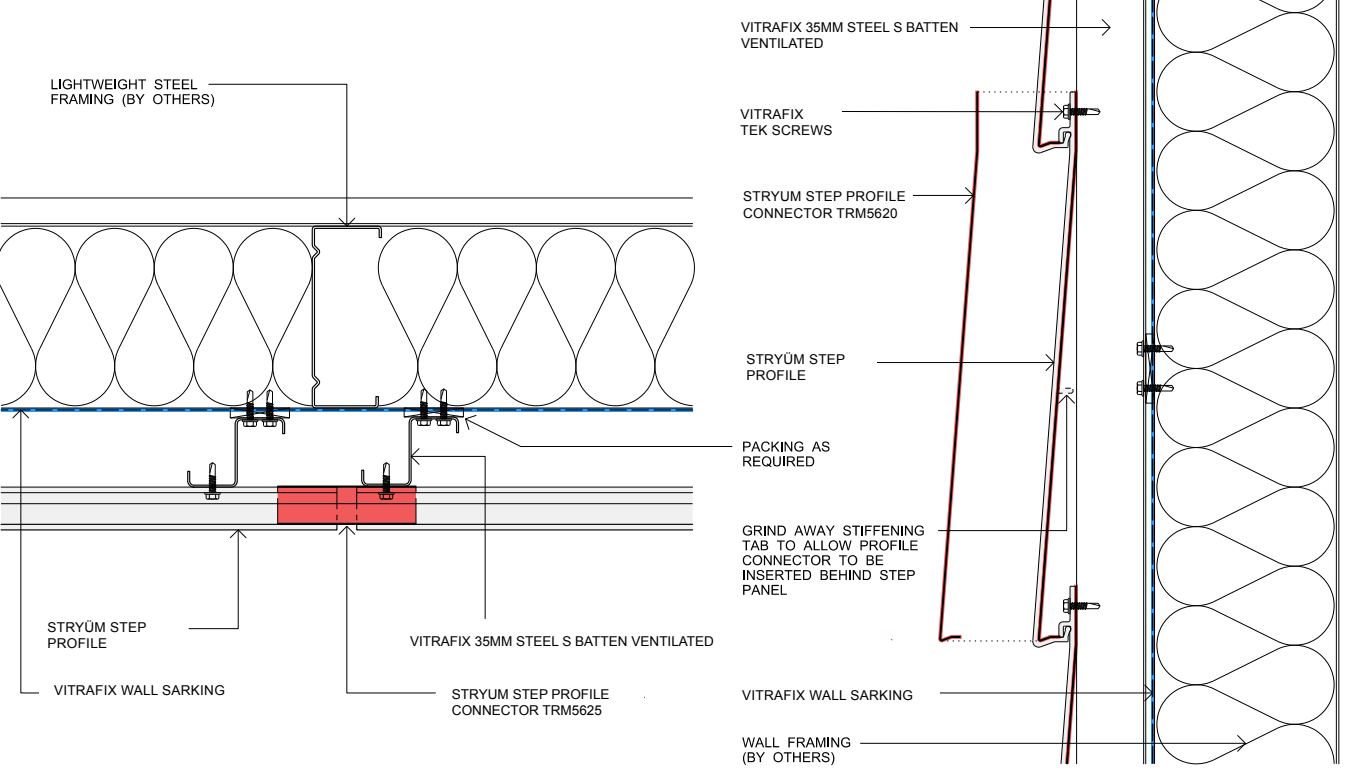
Refer to section 7 for list of accessory and trim options to suit this installation detail.

STEP H PARAPET



Refer to section 7 for list of accessory and trim options to suit this installation detail.

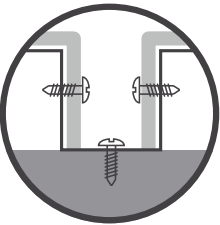
STEP H PANEL CONNECTOR



Refer to section 7 for list of accessory and trim options to suit this installation detail.

12. FABRICATION DETAIL

12.1 FABRICATION CONSIDERATIONS



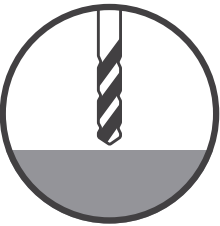
SCREWING

Stryüm can be screwed with conventional stainless steel or class 3 self-drilling screws for metal. Wind loading calculations in this manual are based on a 12-gauge Tek Screw.



RIVETING

Riveting is possible with the usual equipment and solid rivets or blind rivets.



DRILLING

Stryüm can be drilled with centre point twist drills normally used for aluminium or steel. Use High-Speed Steel (HSS) drill bits.

13. WARRANTY

Stryüm is an incredibly durable material when used in the right application. Please contact your Fairview representative for full terms and conditions.

13.1 IMPORTANT WARRANTY INFORMATION

Maintaining your Stryüm finish is an important component to upholding your warranty. Cleaning frequencies are based on your project location and provided in the warranty; therefore, you should document each time your Stryüm panels are cleaned.

Recommended cleaning agents:

- Mineral Spirits
- Organic Cleaners
- PH-Neutral Solvents

14. MISCELLANEOUS

14.1 MANUFACTURING QUALITY

A dedication to the total fulfilment of our client’s and customer’s expectations is reflected by a complete quality control system, beginning at the point of specification and continuing through to delivery of the guaranteed products. All activities are carried out in a manner which:

- Uses the framework of ISO9001 Quality Standard to verify the quality of our systems
- Ensures that our products and services are of the highest standards
- Creates continuous improvements to our product through the application of the best quality practices.

ACCEPTABLE VARIATION

WIDTH	± 2.4mm
LENGTH	± 6.0mm
THICKNESS	±.4mm (maximum)
SURFACE DEFECTS	The surface shall not have any irregularities such as dents, scratches and other imperfections in accordance with our quality assurance.

MATERIAL DATA

ALUMINIUM ALLOY	6060, 6063
GRADE	T5

HANDLING AND STORAGE

- Considerable care should be taken in the handling of Stryüm
- A minimum of two people should be used when moving large sheets to avoid scratching
- To prevent surface damage when stacking Stryüm, there should be no swarf between the panels, and a cover sheet of paper or foam sheet should be used
- Stryüm should be stored in a cool and dry area where temperature is relatively stable
- If exposed to heat (direct sunlight etc.) and humidity, in its plastic packaging, Tiger Stripping may develop, negatively impacting the appearance of the panels. Tiger Stripping occurs when moisture is absorbed into the powder coating. Should this occur, the coating will dry over time and the Tiger Stripping should disappear
- Pallets of Stryüm should be stored horizontally with adequate support to prevent sagging

SUSTAINABILITY

Stryüm has been designed with an expected performance life of over 50 years. All Fairview products have been developed with the health of environment and community in mind. As part of our commitment to using recyclable or reusable materials wherever possible, all Stryüm panels are 100% recyclable.

14.2 REPORT REGISTER

BCA 2022 VOL 1 SECTION	DESCRIPTION	TEST/ASSESSMENT	REPORT/REFERENCE NUMBER
C – Fire resistance	Combustibility (Powder Coat)	AS 1530.1*	FNC11437A
	Combustibility (Anodised)	AS1530.1*	FNC11417A
	Early Fire Hazard Properties	AS 1530.3	FNE12443
B - Structural	Large Body Impact	AS1170.2	2016-020-S4-S6
	Cyclonic testing	AS4040.3	2016-020-S7
F – Health and Amenity	Weatherproofing	AS4284	2018-100-S2
G – Ancillary provisions	BAL Ratings	IGNIS Assessment	IGNS-5200 ISSUE 02
Additional/Supporting	Coating Standard	AAMA2604	36048

NOTES

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STRYÛM / AUGUST 2024