

K-Roc™ Rockspan Wall Panel (Non-Firewall)

K-Roc™ Firemaster Wall Panel - Vertically Laid - Drawing Register

DWG_NO	DWG_TITLE	REV	UPDATED BY	CHECKED BY
K-RS V 00a	Sheet List	C	HL	JS
K-RS V 00b	Detail References	C	HL	JS
K-RS V 01a	Panel Profiles	C	HL	JS
K-RS V 02a	Sheeting rails	C	HL	JS
K-RS V 03a	Vertical joints	C	HL	JS
K-RS V 04a	Base detail	C	HL	JS
K-RS V 04b	Base detail continuous	C	HL	JS
K-RS V 05a	External corner	C	HL	JS
K-RS V 06a	Internal Corner	C	HL	JS
K-RS V 07a	Abutment to Masonry Wall	C	HL	JS
K-RS V 07b	Abutment to Masonry Wall (continuous)	C	HL	JS
K-RS V 07c	Abutment to Masonry Wall (continuous)	C	HL	JS
K-RS V 08a	Boundary Gutter	C	HL	JS
K-RS V 08b	Overhanging Eaves Gutter & ridge	C	HL	JS
K-RS V 08c	Verge 1	B	HL	JS
K-RS V 08d	Skillion Detail	C	HL	JS
K-RS V 09a	Stack Joint Detail	C	HL	JS
K-RS V 09b	Stack joint detail continuous	C	HL	JS
K-RS V 09c	Movement joint	C	HL	JS
K-RS V 10a	Window details (Head and Sill)	C	HL	JS
K-RS V 10b	Window details (Jamb)	C	HL	JS
K-RS V 11a	Personnel Door Details (Head and Jamb)	C	HL	JS
K-RS V 11b	Roller Door Details (Head and Jamb)	C	HL	JS
K-RS V 12a	Louvre Details (Head and Sill)	C	HL	JS
K-RS V 12b	Louvre Details (Jamb)	C	HL	JS
K-RS V 13a	Panel Fixed To Pre-Cast Concrete	C	HL	JS

When panel is being used as a firewall, refer to specific fire details for Ultima and Ultima Plus FRL/FRR

Dwg. Title	Sheet List	Scale	NTS
Application	K-Roc™ Rockspan Wall Panel - Vertically Laid	Dwg. No.	Rev.
		K-RS V 00a	C

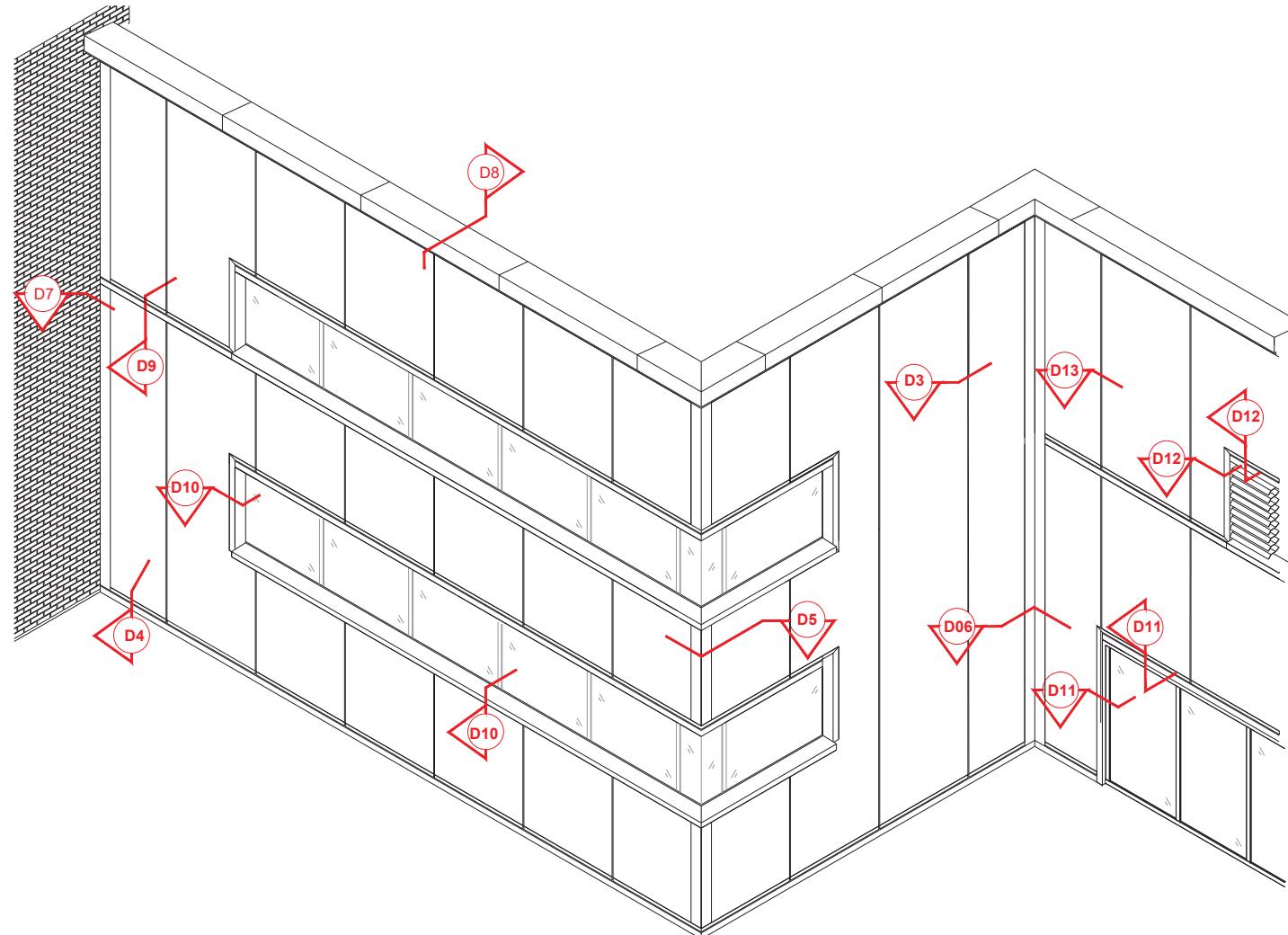
Aug. 19, 25

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K-Roc™ Rockspan Wall Panel (Non-Firewall)



*For illustration purposes only

Dwg. Title

Detail References

Application

K-Roc™ Rockspan Wall Panel - Vertically Laid

Scale

NTS

Dwg. No.

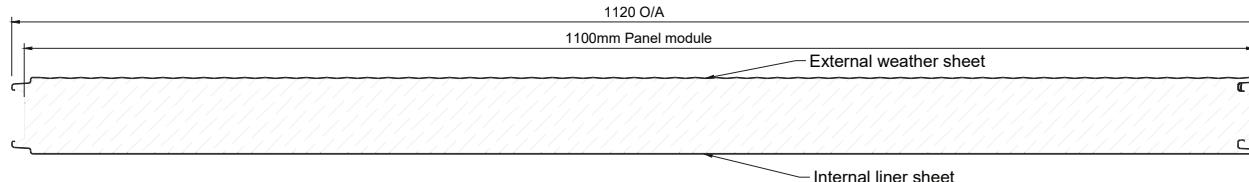
K-RS V 00b C

Rev.

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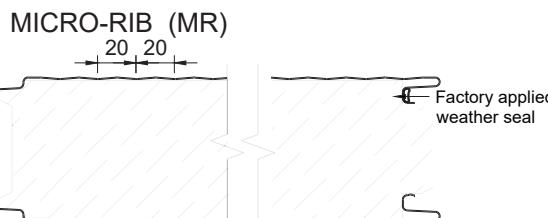
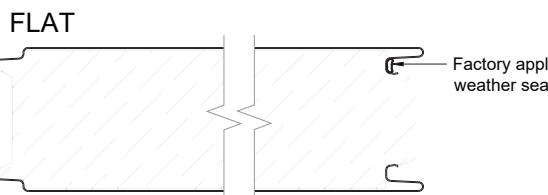
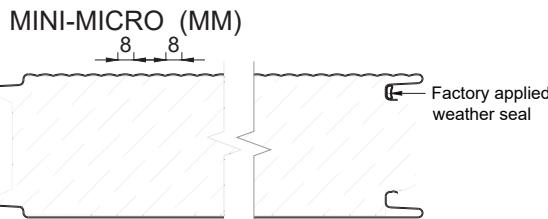
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K-Roc™ Rockspan Wall Panel (Non-Firewall)

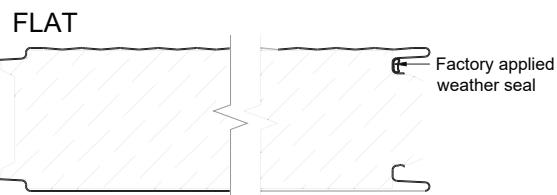
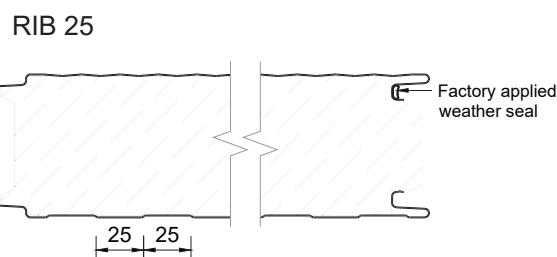


CORE THICKNESS (MM)	75	100	120	150	175	200
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External weather sheet



Internal liner sheet



NOTES:

- Applications with specific Fire Resistance Level (FRL) and Fire Resistance Rate (FRR) requirements need to be consulted with KIP Technical Services. The attached are not the approved fire wall details.
- Core thickness dimensions are nominal, actual dimensions will vary due to manufacturing tolerances. Exact dimensions must always be measured from actual samples. All dimensions in millimetres.
- Where Kingspan elements interface with other products the designer should consider the vapour control layers, thermal bridging, continuous insulation, and any dissimilar materials either in contact with or where water can run from or to each other. Kingspan accepts no responsibility for the performance of products that are not manufactured or supplied by Kingspan.
- The number of fixings shown on any detail is an indication only, the actual number required is project specific and need to be calculated based on project specific conditions.
- All structural supports shown are 'not by Kingspan'. They are shown for clarification and illustrative purposes only.
- Cold rolled steel sections are typically shown on these details however hot rolled or timber can be substituted.
- The location of the vapour barrier and associated sealants in these details are for typical "ambient/benign environment" installations.
- The information provided is for information and illustrative purposes only and is intended to be used as an aid for projects intending to use Kingspan products. Kingspan cannot guarantee the accuracy of the information provided or that information that has been supplied by third parties is up to date and accurate. All information provided must be checked and approved by a suitably qualified person before it is relied upon and/or incorporated into any construction project. Kingspan accept no liability for any losses, damage and/or causes, whatsoever and of any nature, that may arise by relying upon any of the information provided, or by any omissions or errors that may occur. You bear sole responsibility for the accuracy of any information relied upon. Any and all information concern is solely for the use of Kingspan products.

Dwg. Title

Panel Profiles

Application

K-Roc™ Rockspan Wall Panel - Vertically Laid

Scale

NTS

Dwg. No.

Rev.

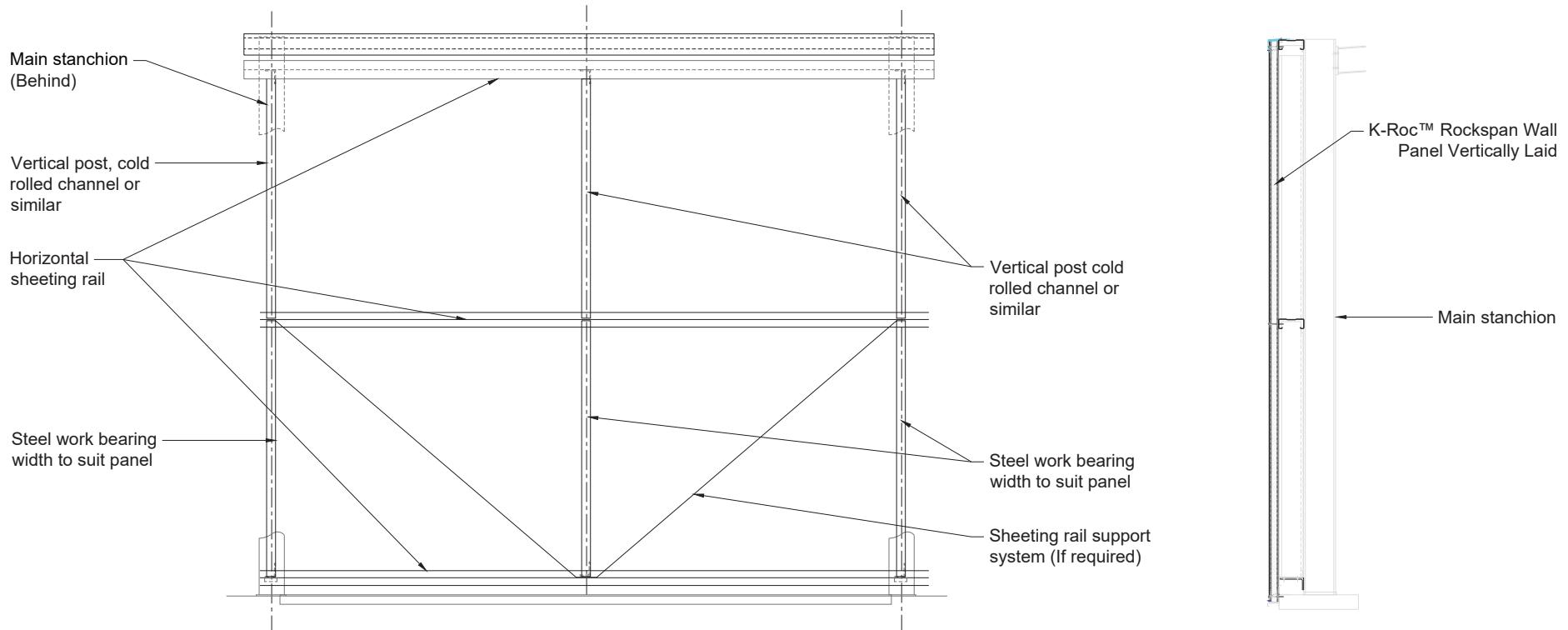
K-RS V 01a C

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K-Roc™ Rockspan Wall Panel (Non-Firewall)

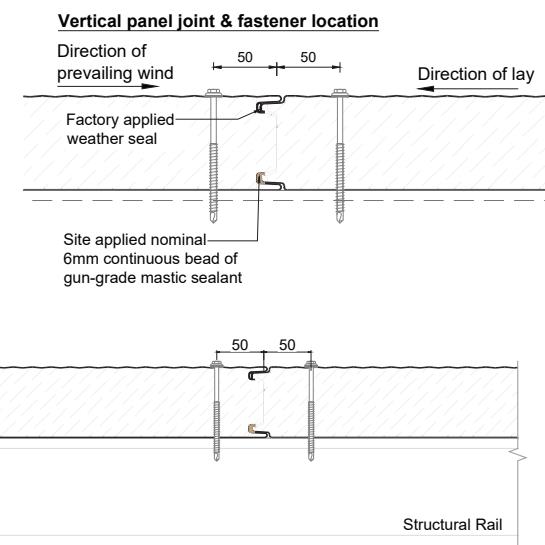
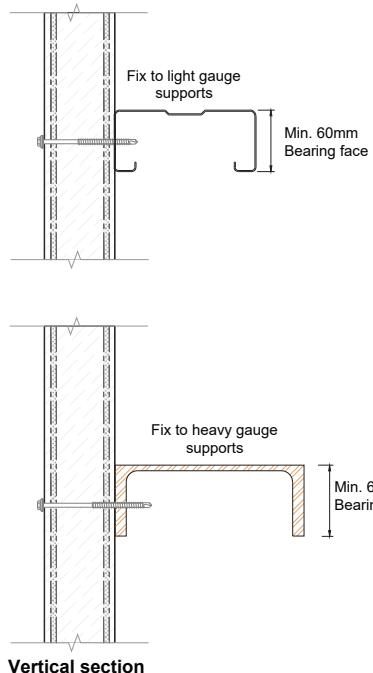
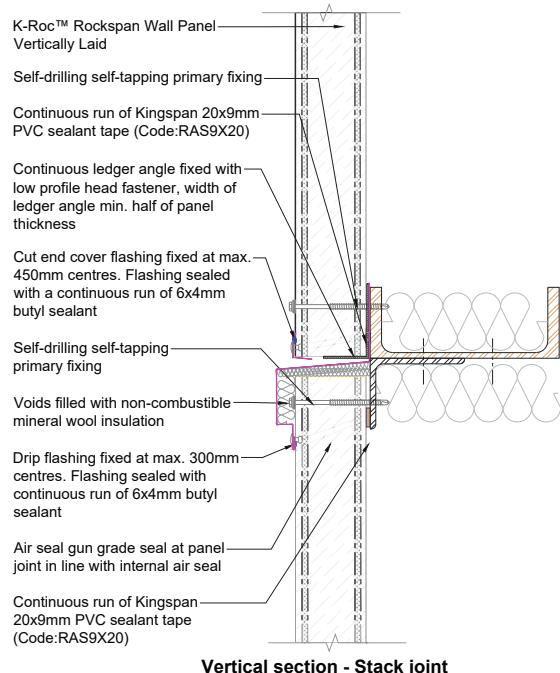
Sheeting rail - Typical layout for vertically fixed panels



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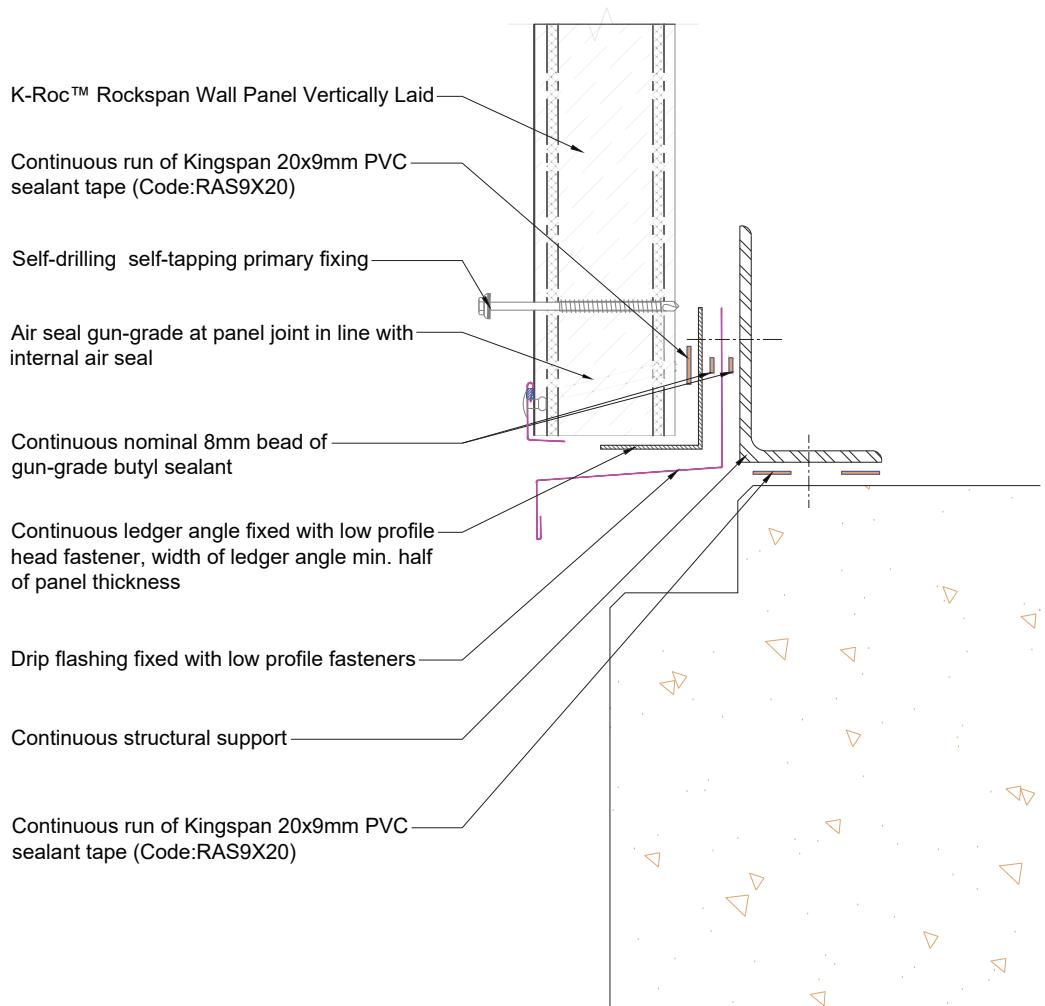
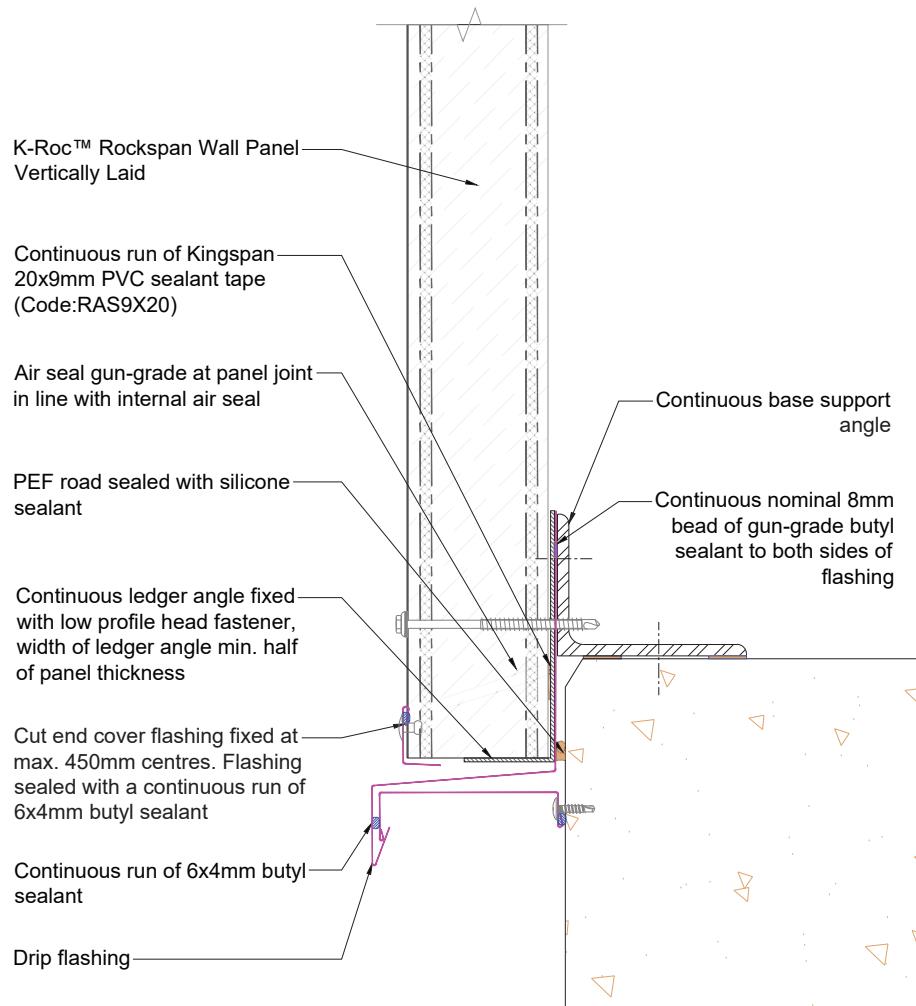
Dwg. Title	Sheeting rails	Scale	NTS	These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in any way without written consent from Kingspan. www.kingspanpanels.com.au
Application	K-Roc™ Rockspan Wall Panel - Vertically Laid	Dwg. No.	Rev.	

K-Roc™ Rockspan Wall Panel (Non-Firewall)



Dwg. Title	Scale	These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in any way without written consent from Kingspan.
Vertical joints	NTS	
Application	Dwg. No.	Rev.
K-Roc™ Rockspan Wall Panel - Vertically Laid	K-RS V 03a	C

K-Roc™ Rockspan Wall Panel (Non-Firewall)



Dwg. Title

Base detail

Application

K-Roc™ Rockspan Wall Panel - Vertically Laid

Scale

NTS

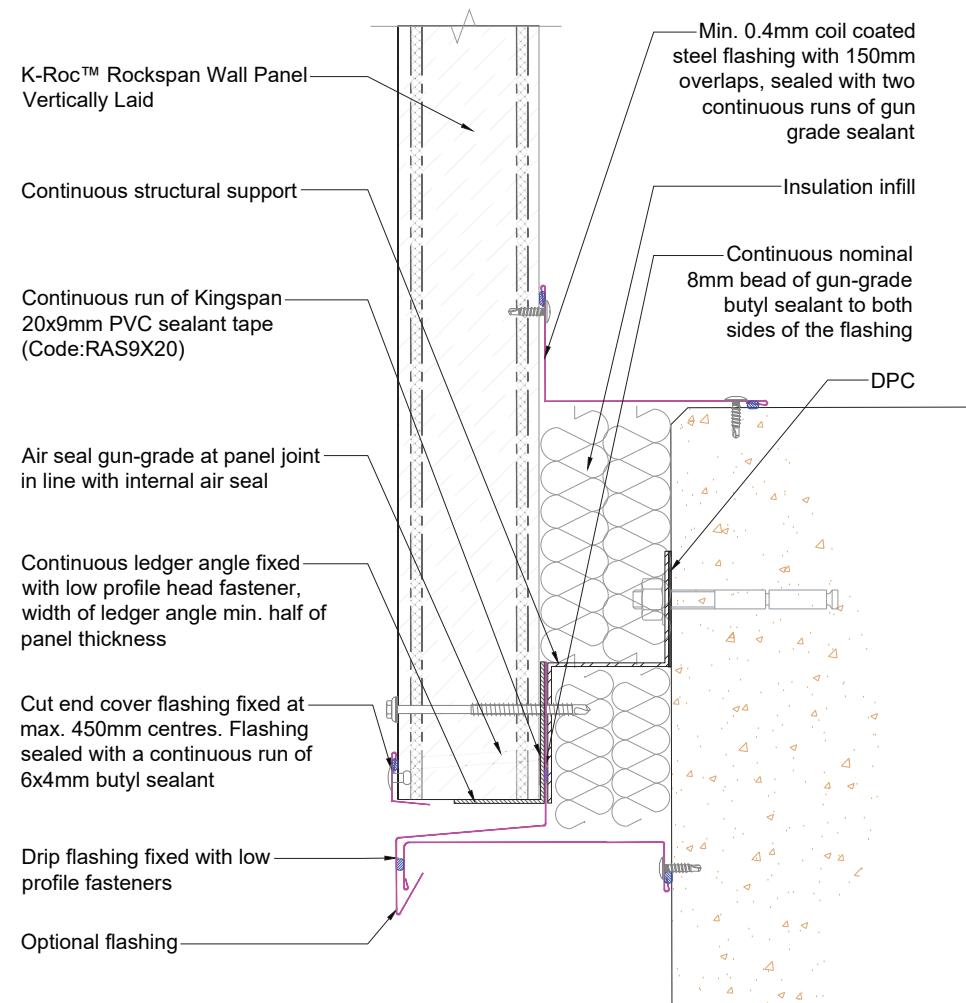
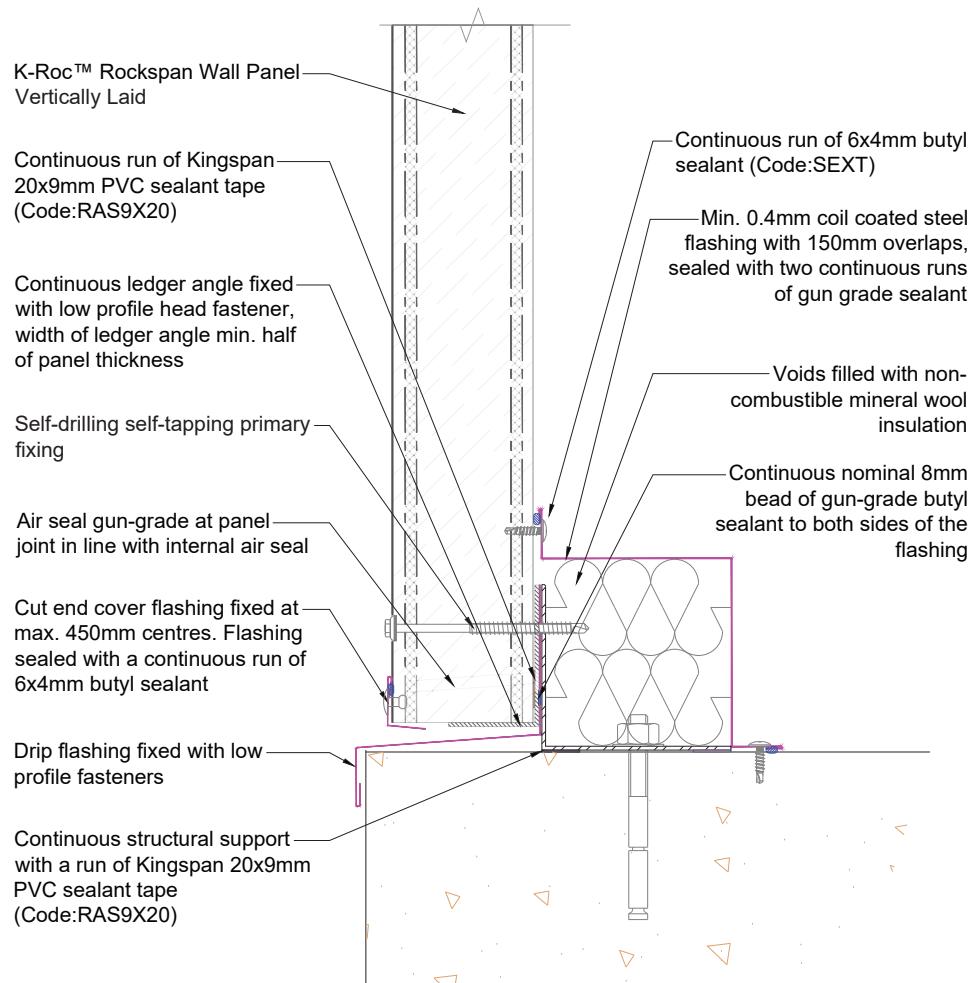
Dwg. No.

Rev.
K-RS V 04a C

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K-Roc™ Rockspan Wall Panel (Non-Firewall)



Dwg. Title

Base detail continuous

Application

K-Roc™ Rockspan Wall Panel - Vertically Laid

Scale

NTS

Dwg. No.

Rev.

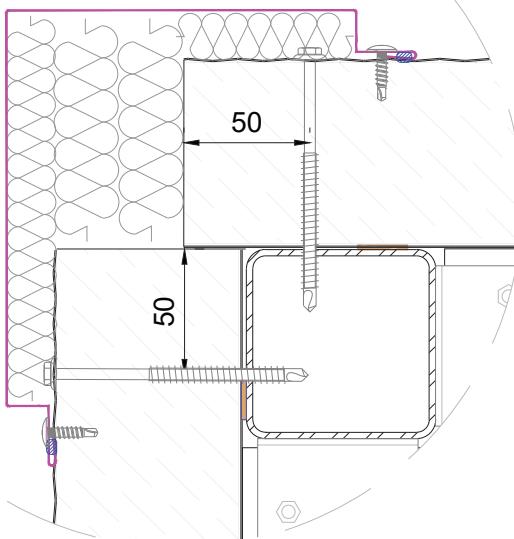
K-RS V 04b C

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K-Roc™ Rockspan Wall Panel (Non-Firewall)

ALTERNATIVE FIXING METHOD



Continuous runs of Kingspan 20x9mm
PVC sealant tape (Code:RAS9X20)

Self-drilling self-tapping primary fixing

K-Roc™ Rockspan Wall Panel Vertically
Laid

Min. 0.5mm coil coated steel flashing
with 150mm overlaps, sealed with two
continuous runs of gun grade sealant

Voids filled with non-combustible mineral
wool insulation

Self-drilling self-tapping primary fixing
at max. 450mm centres

Recessed washer

Flashing fixed to max. 450mm centres,
sealed with 6x4mm butyl sealant

Continuous runs of Kingspan 20x9mm
PVC sealant tape (Code:RAS9X20)

K-Roc™ Rockspan Wall Panel Vertically
Laid

Dwg. Title

External corner

Scale

NTS

Application

Dwg. No.

Rev.

K-Roc™ RS Wall Panel

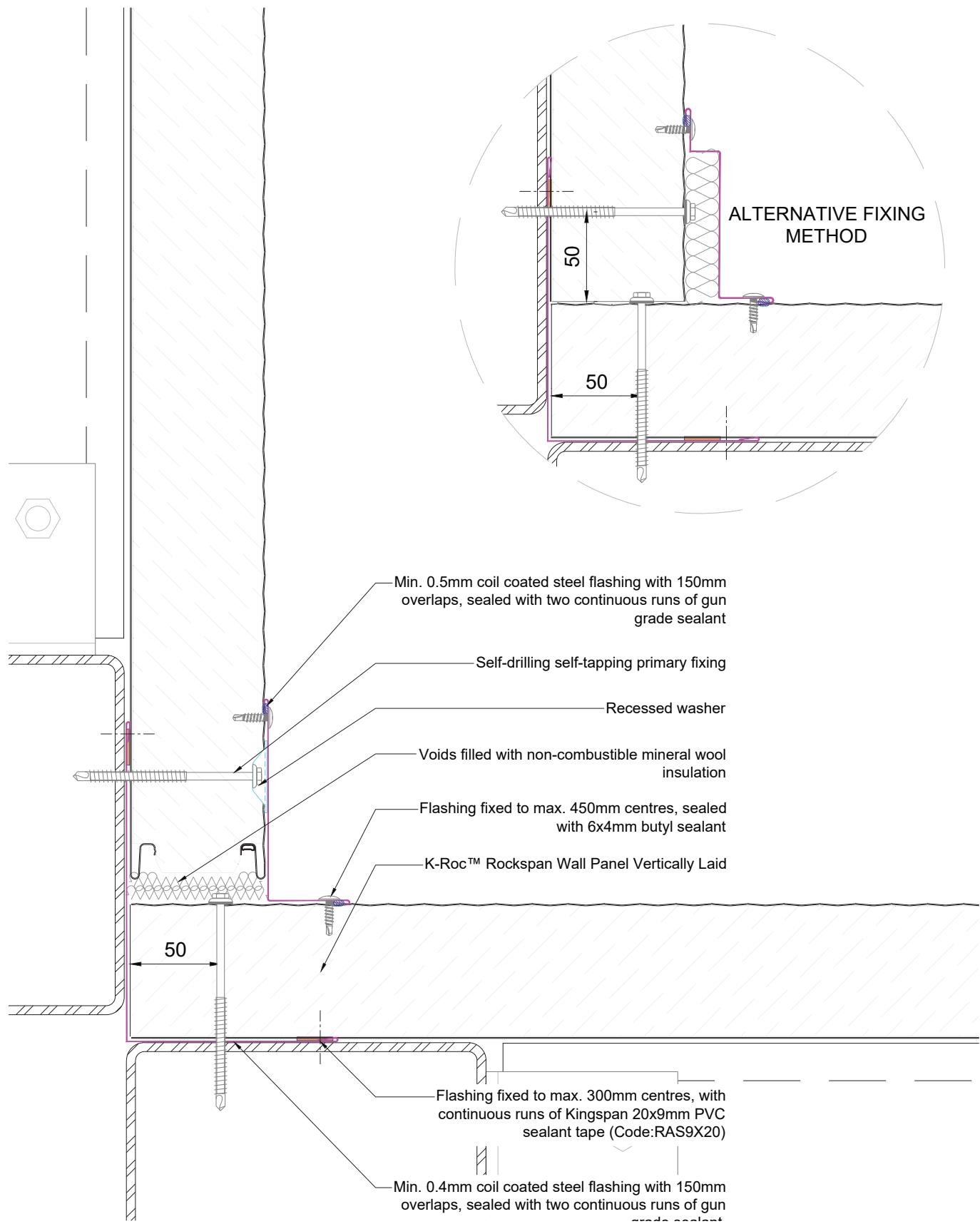
K-RS V 05a

C

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K-Roc™ Rockspan Wall Panel (Non-Firewall)



Dwg. Title

Internal Corner

Scale

NTS

Application

K-Roc™ RS Wall Panel

Dwg. No.

K-RS V 06a C

Rev.

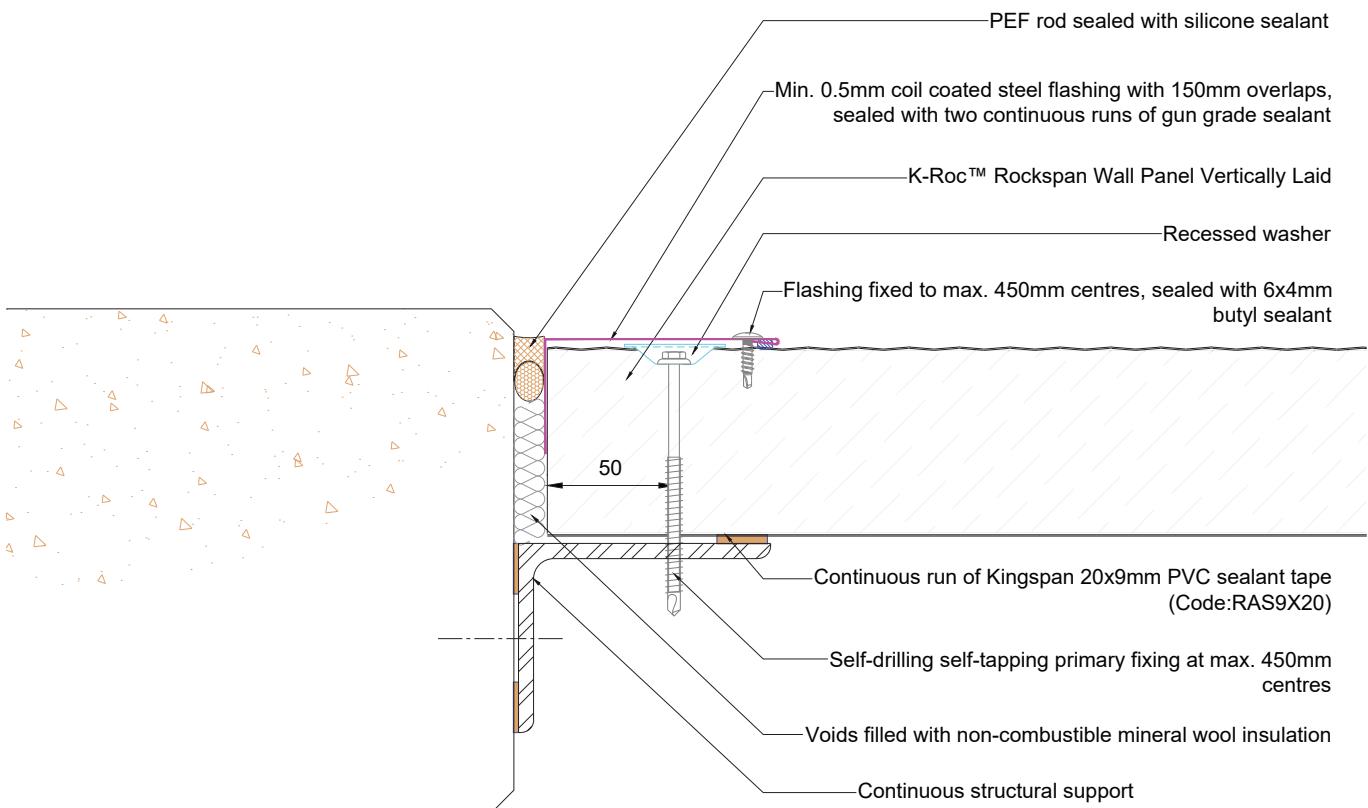
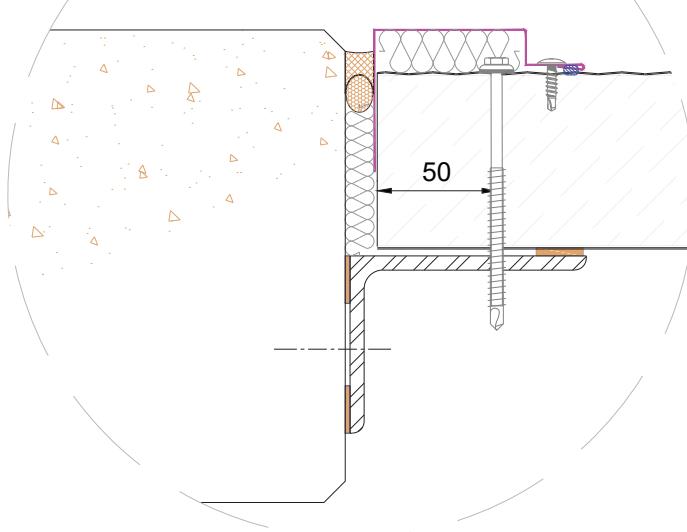
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K-Roc™ Rockspan Wall Panel (Non-Firewall)

ALTERNATIVE FIXING METHOD



Dwg. Title

Abutment to Masonry Wall

Scale

NTS

Application

K-Roc™ RS Wall Panel

Dwg. No.

K-RS V 07a C

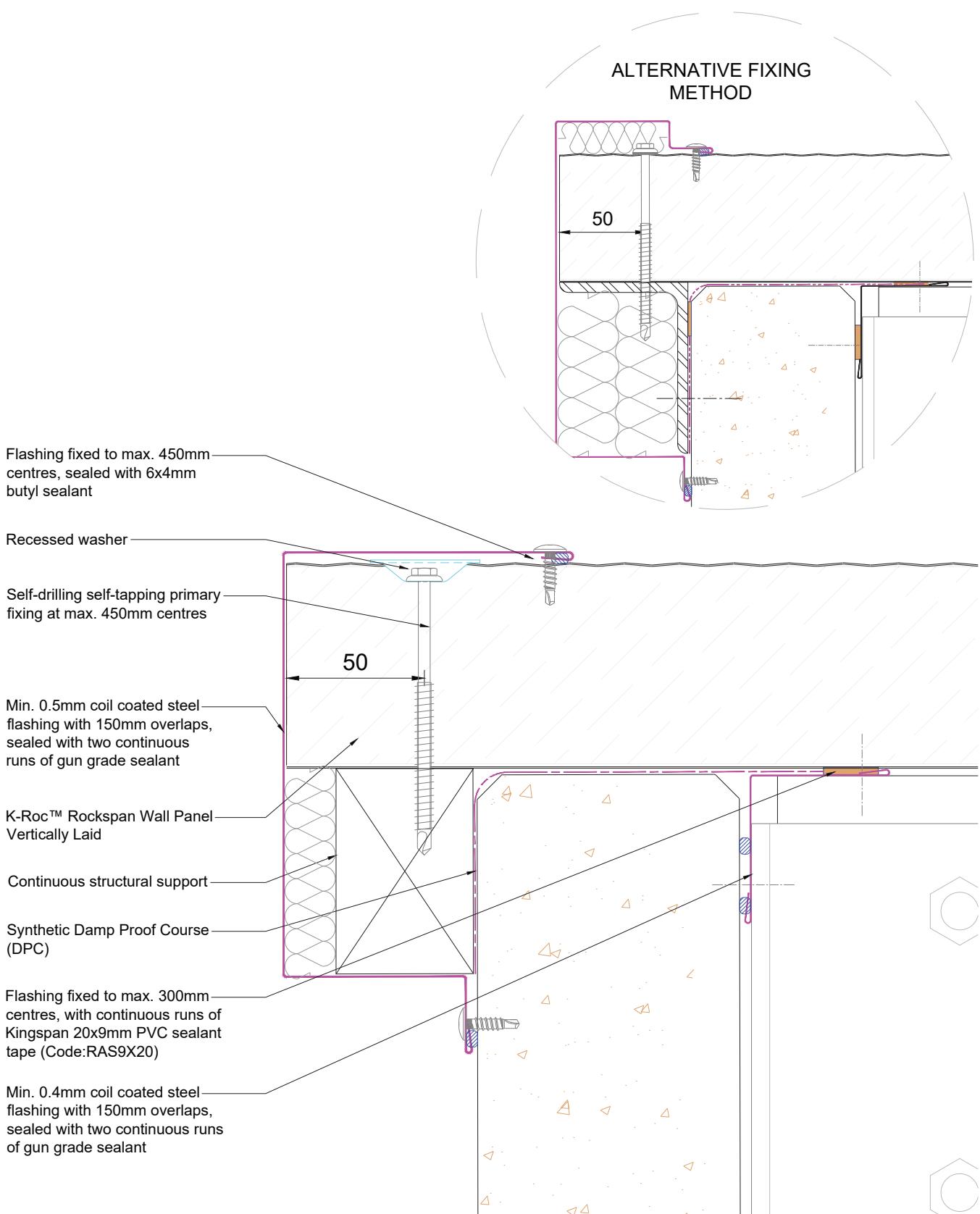
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K-Roc™ Rockspan Wall Panel (Non-Firewall)



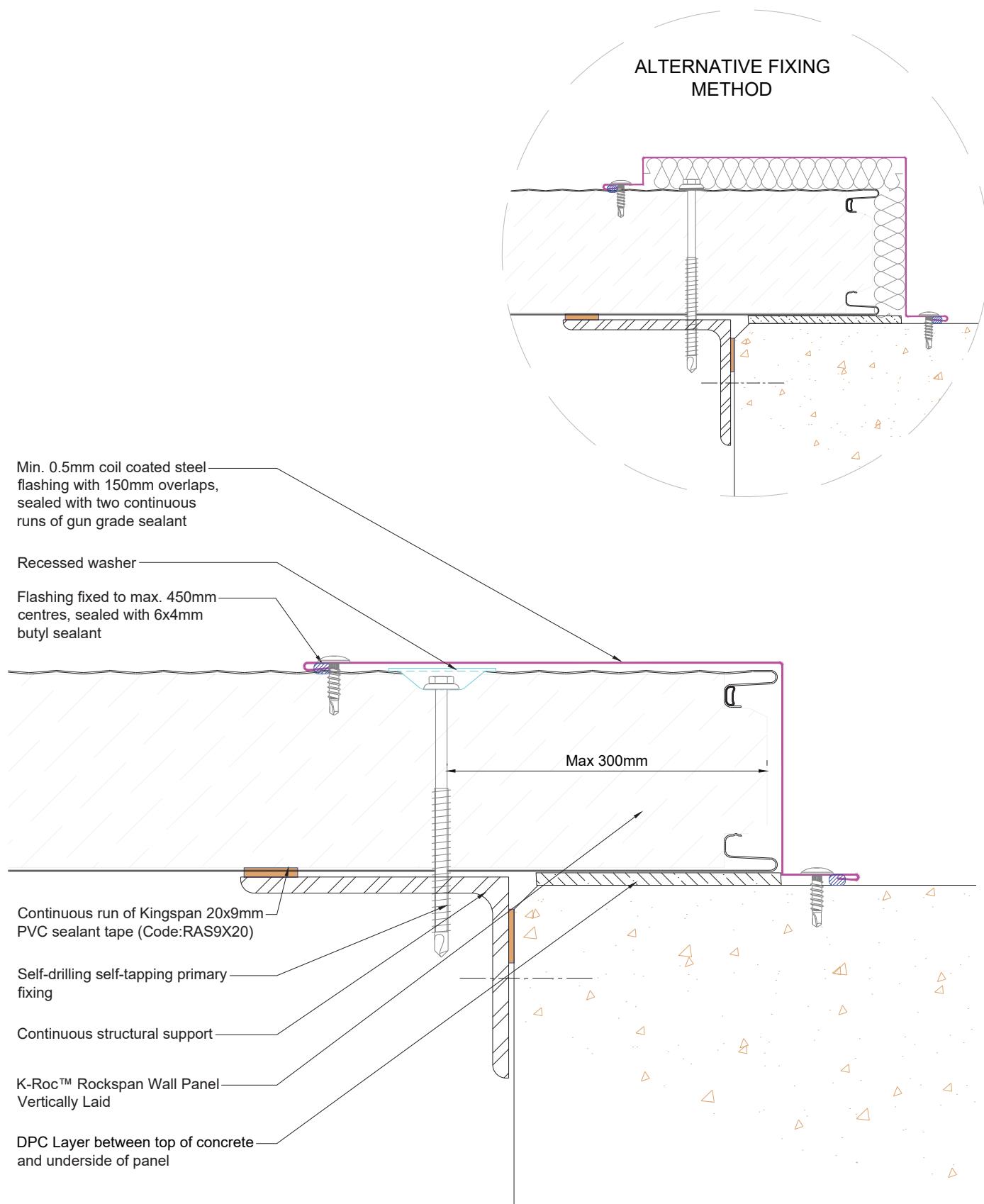
Dwg. Title	Scale	
Abutment to Masonry Wall (continuous)	NTS	
Application	Dwg. No.	Rev.
K-Roc™ RS Wall Panel	K-RS V 07b	C

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K-Roc™ Rockspan Wall Panel (Non-Firewall)



Dwg. Title

Abutment to Masonry Wall (continuous)

Scale

NTS

Application

K-Roc™ RS Wall Panel

Dwg. No.

K-RS V 07c C

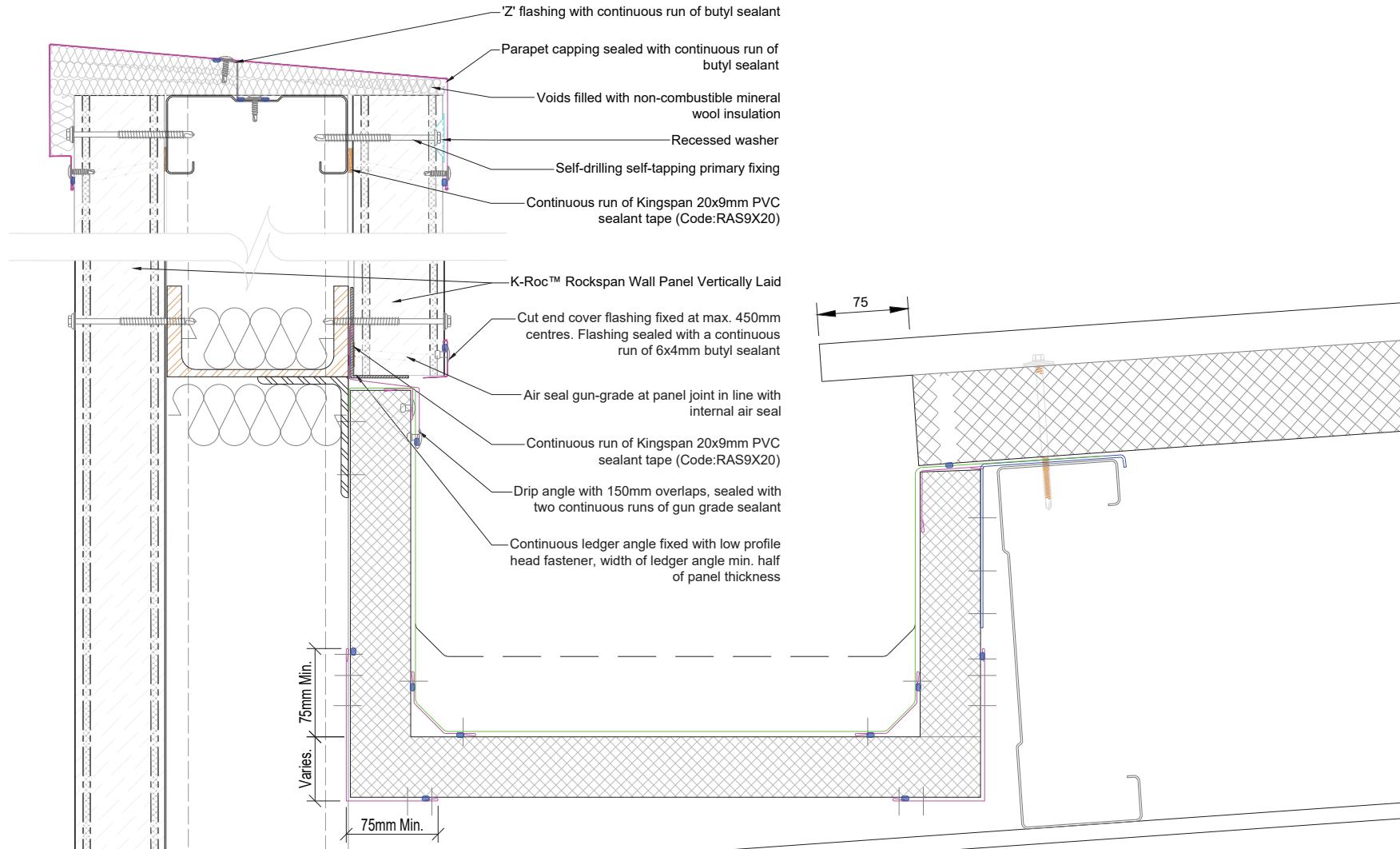
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K-Roc™ Rockspan Wall Panel (Non-Firewall)



Dwg. Title

Boundary Gutter

Application

K-Roc™ Rockspan Wall Panel - Vertically Laid

Scale

NTS

Dwg. No.

K-RS V 08a C

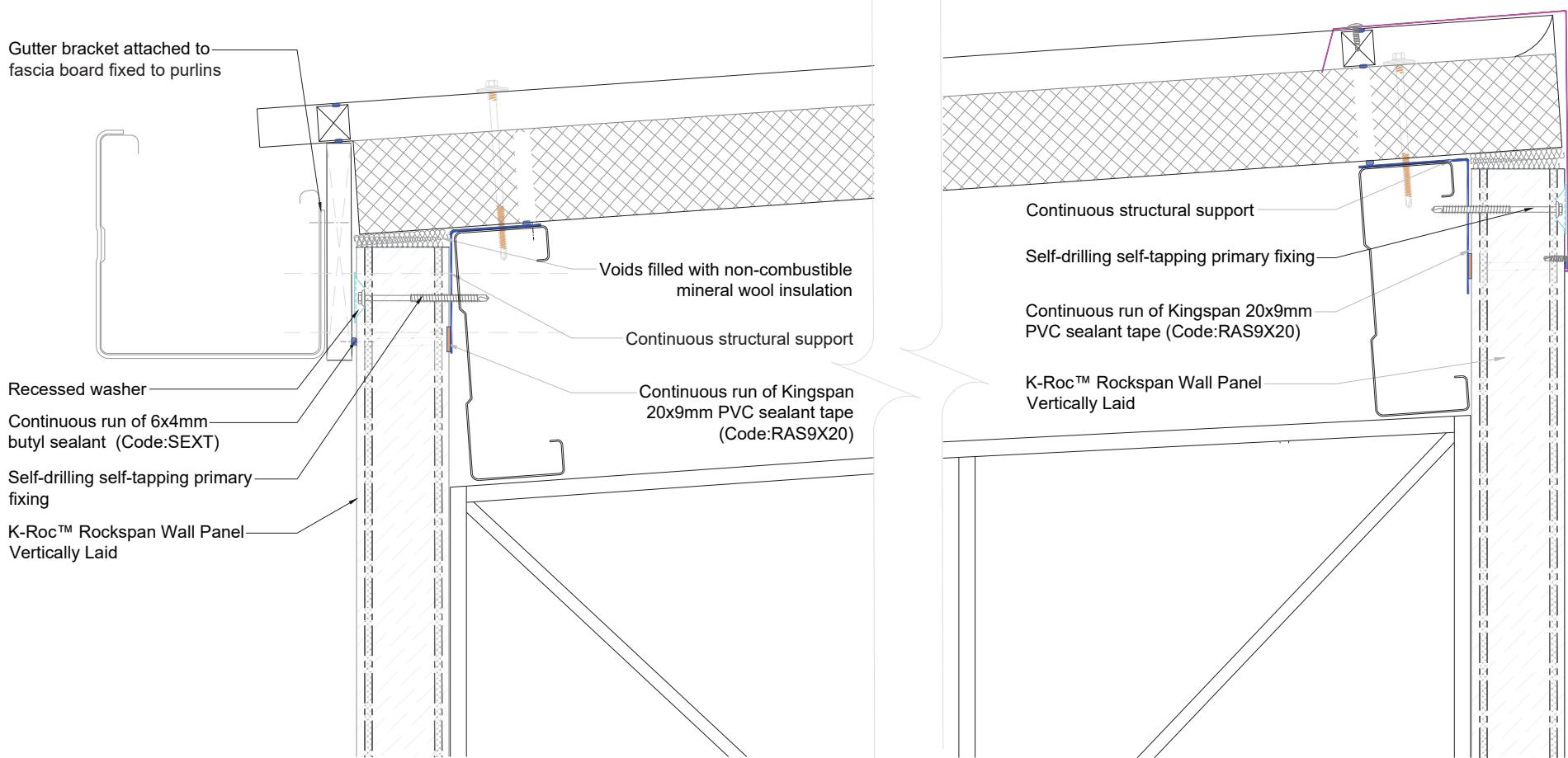
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K-Roc™ Rockspan Wall Panel (Non-Firewall)



Dwg. Title

Overhanging Eaves Gutter & ridge

Scale

NTS

Application

K-Roc™ Rockspan Wall Panel - Vertically Laid

Dwg. No.

K-RS V 08b C

Rev.

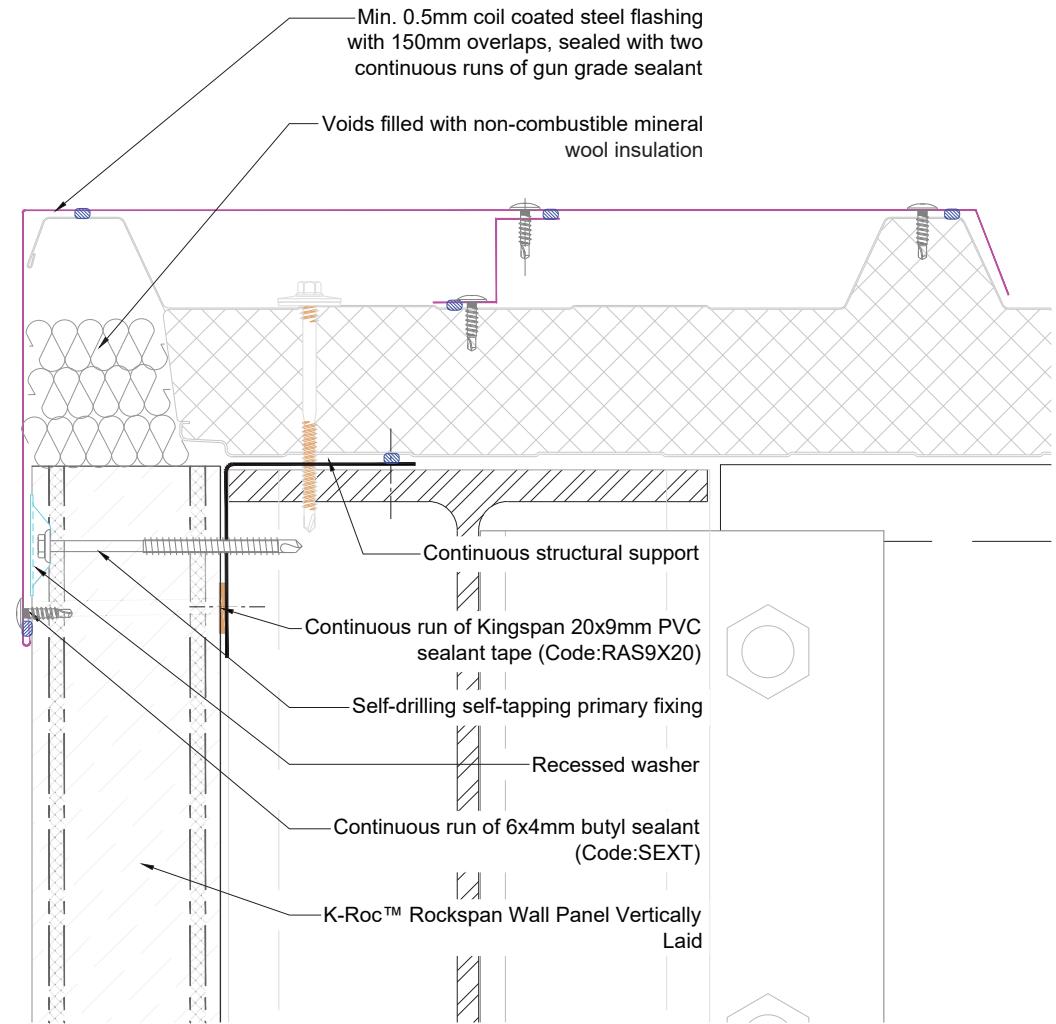
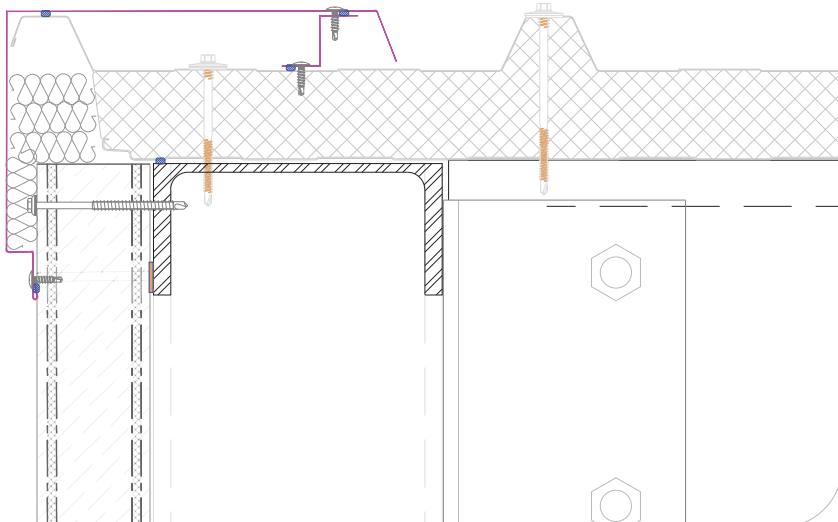
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K-Roc™ Rockspan Wall Panel (Non-Firewall)

ALTERNATIVE FLASHING DETAIL



Dwg. Title

Verge 1

Application

K-Roc™ Rockspan Wall Panel - Vertically Laid

Scale

NTS

Dwg. No.

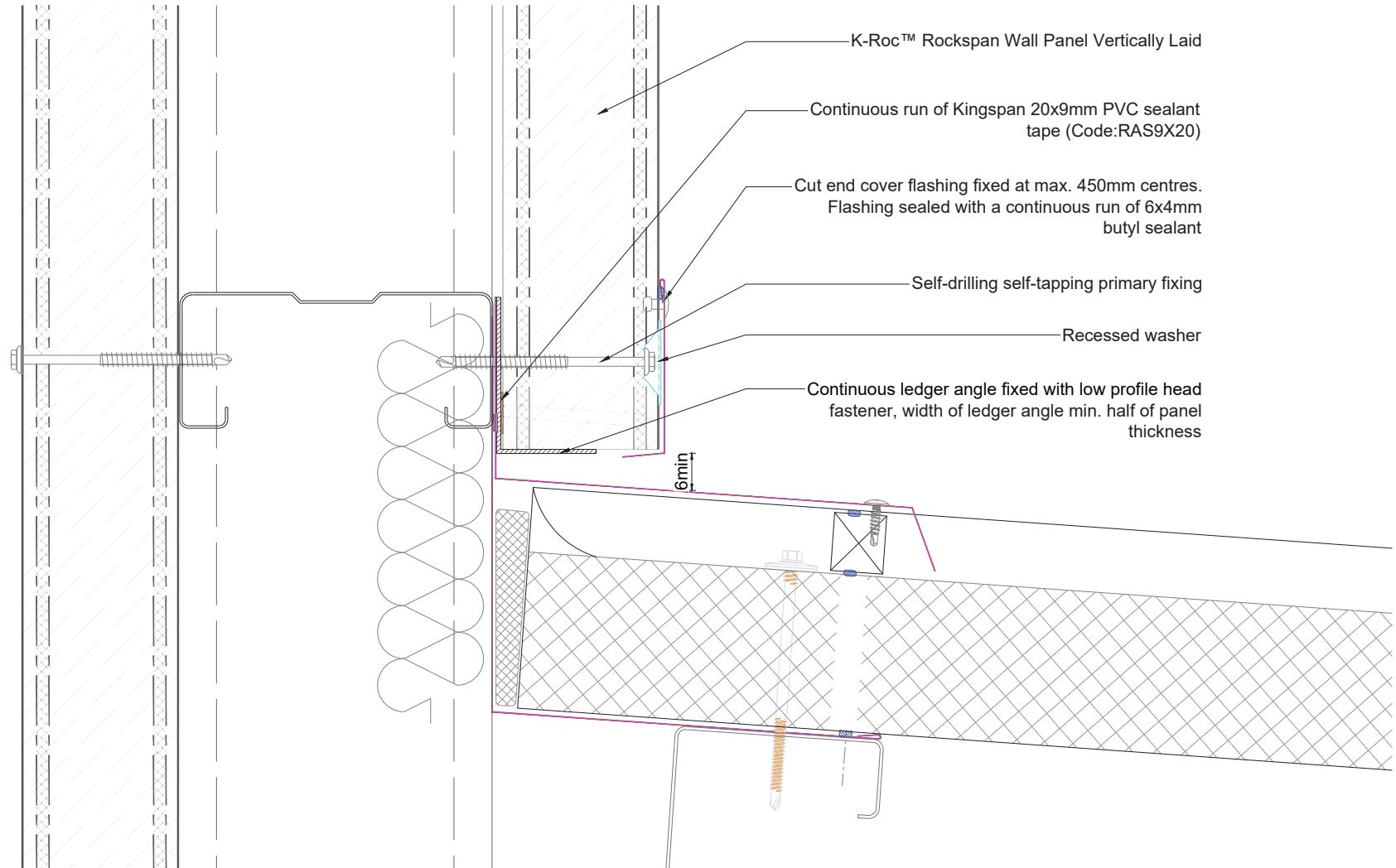
K-RS V 08c B

Rev.

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K-Roc™ Rockspan Wall Panel (Non-Firewall)



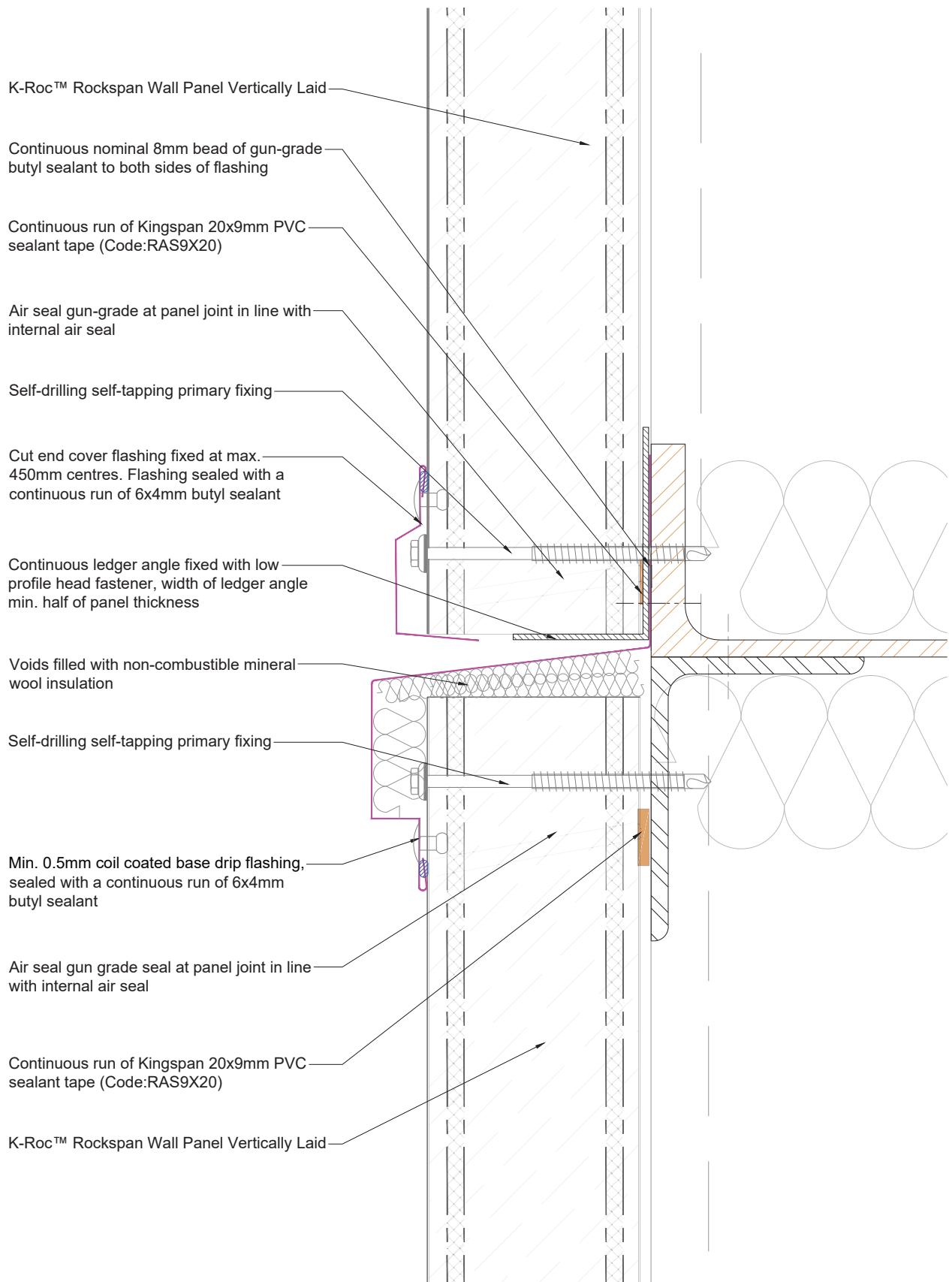
Dwg. Title		Scale	
Skillion Detail		NTS	
Application		Dwg. No.	Rev.
K-Roc™ Rockspan Wall Panel - Vertically Laid		K-RS V 08d	C

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K-Roc™ Rockspan Wall Panel (Non-Firewall)



Dwg. Title

Stack Joint Detail

Scale

NTS

Application

K-Roc™ RS Wall Panel

Dwg. No.

K-RS V 09a

Rev.

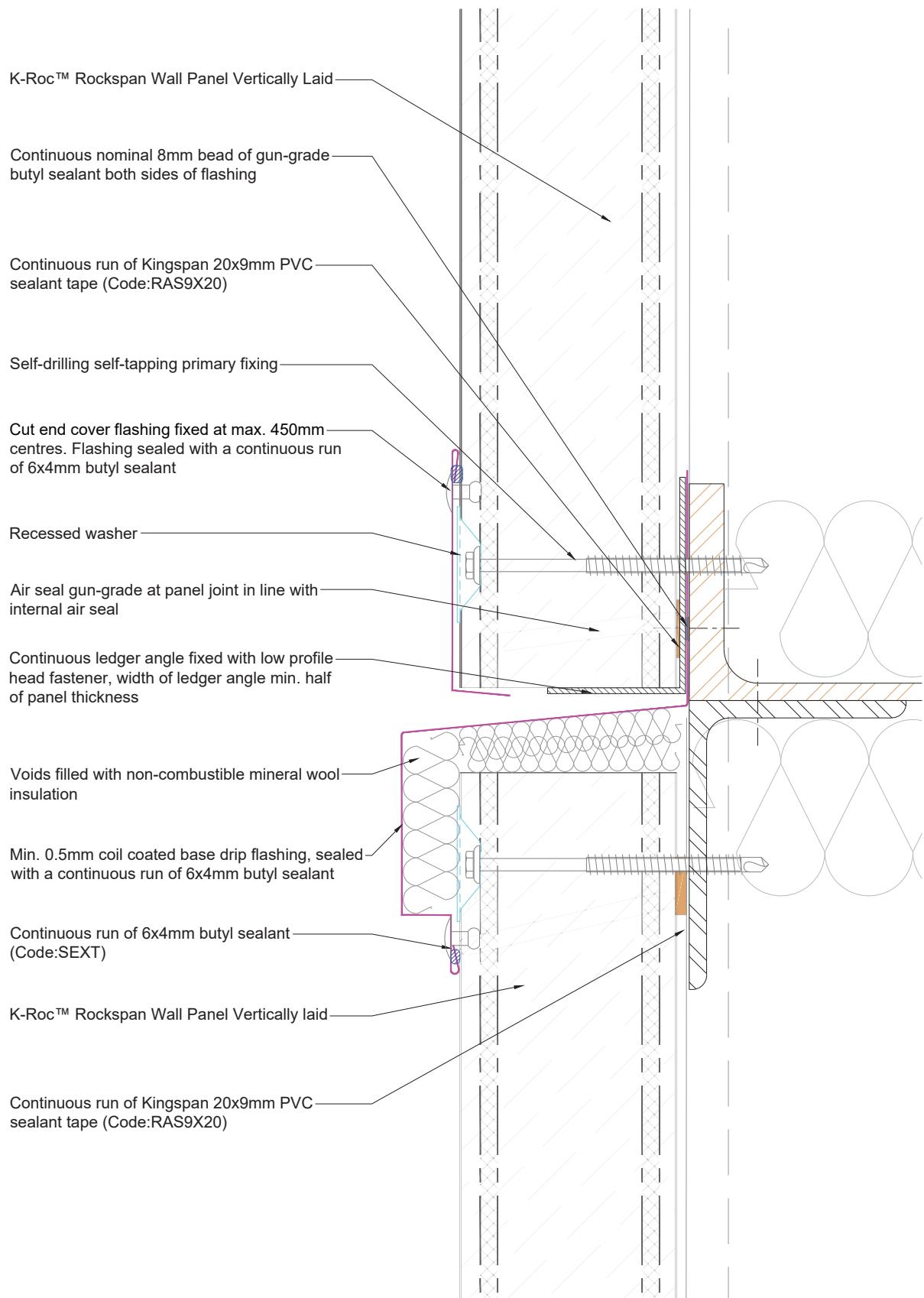
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K-Roc™ Rockspan Wall Panel (Non-Firewall)



Dwg. Title

Stack joint detail continuous

Scale

NTS

Application

K-Roc™ RS Wall Panel

Dwg. No.

K-RS V 09b C

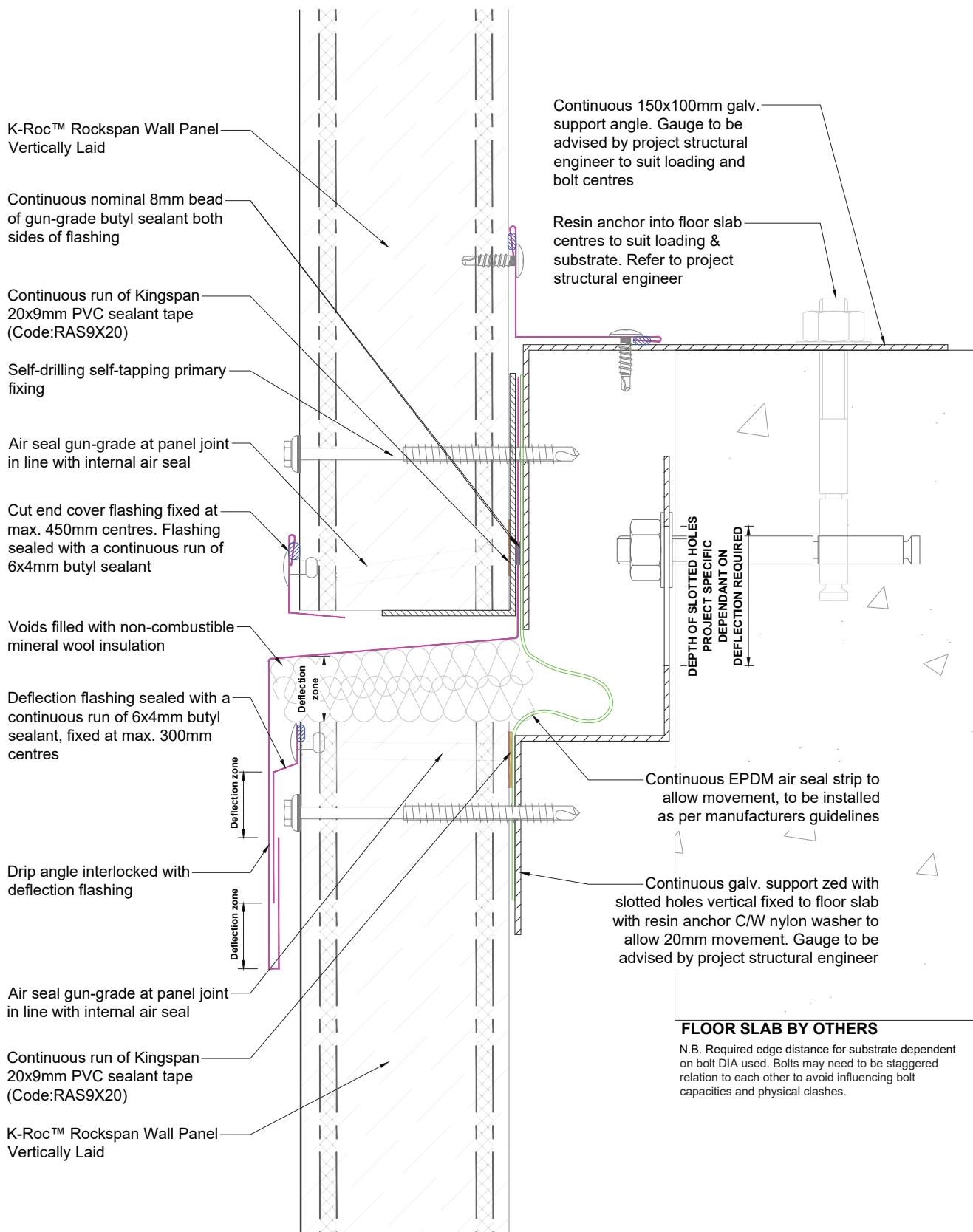
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K-Roc™ Rockspan Wall Panel (Non-Firewall)

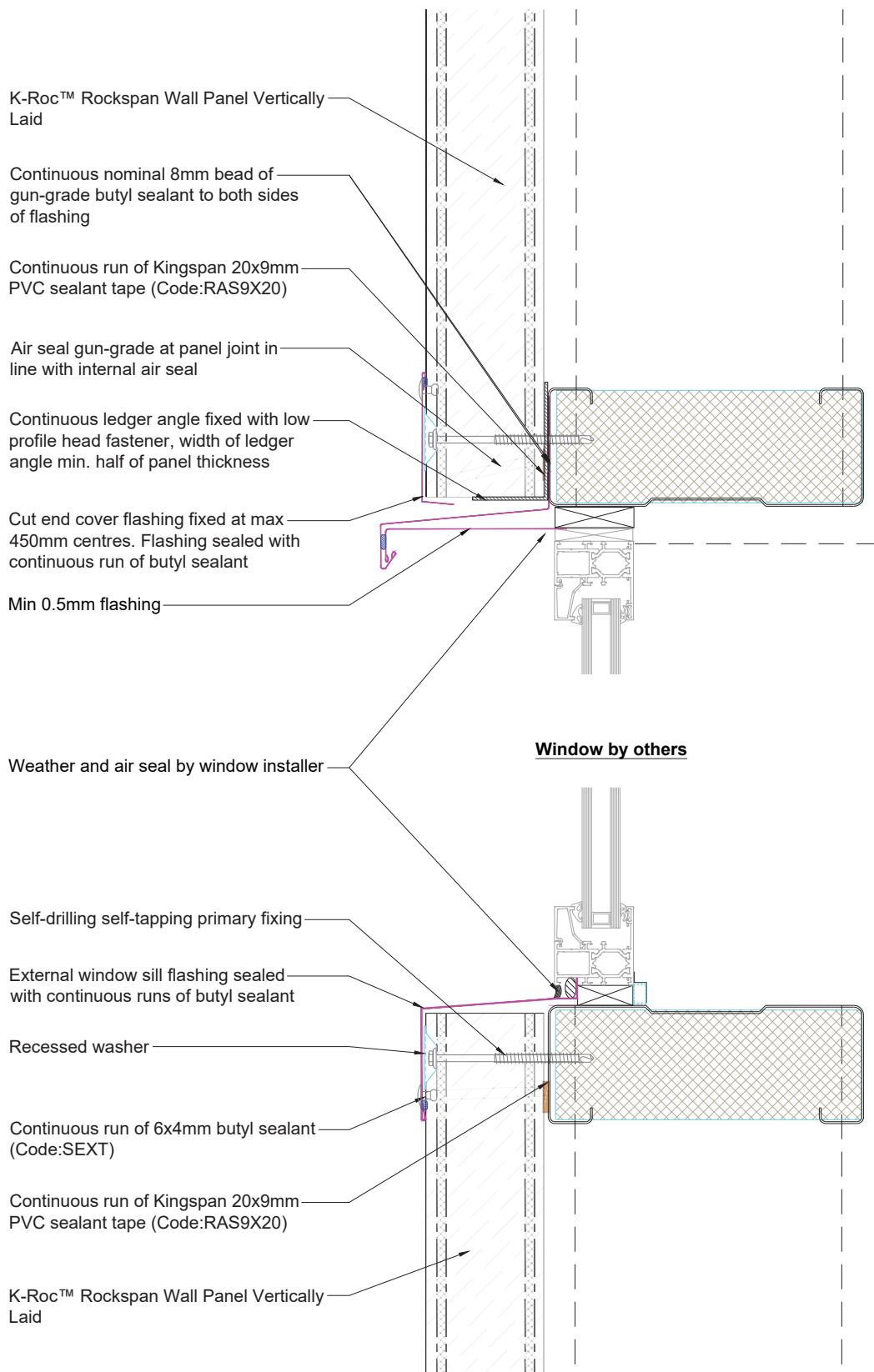


Dwg. Title	Scale	
Movement joint	NTS	
Application	Dwg. No.	Rev.
K-Roc™ RS Wall Panel	K-RS V 09c	C

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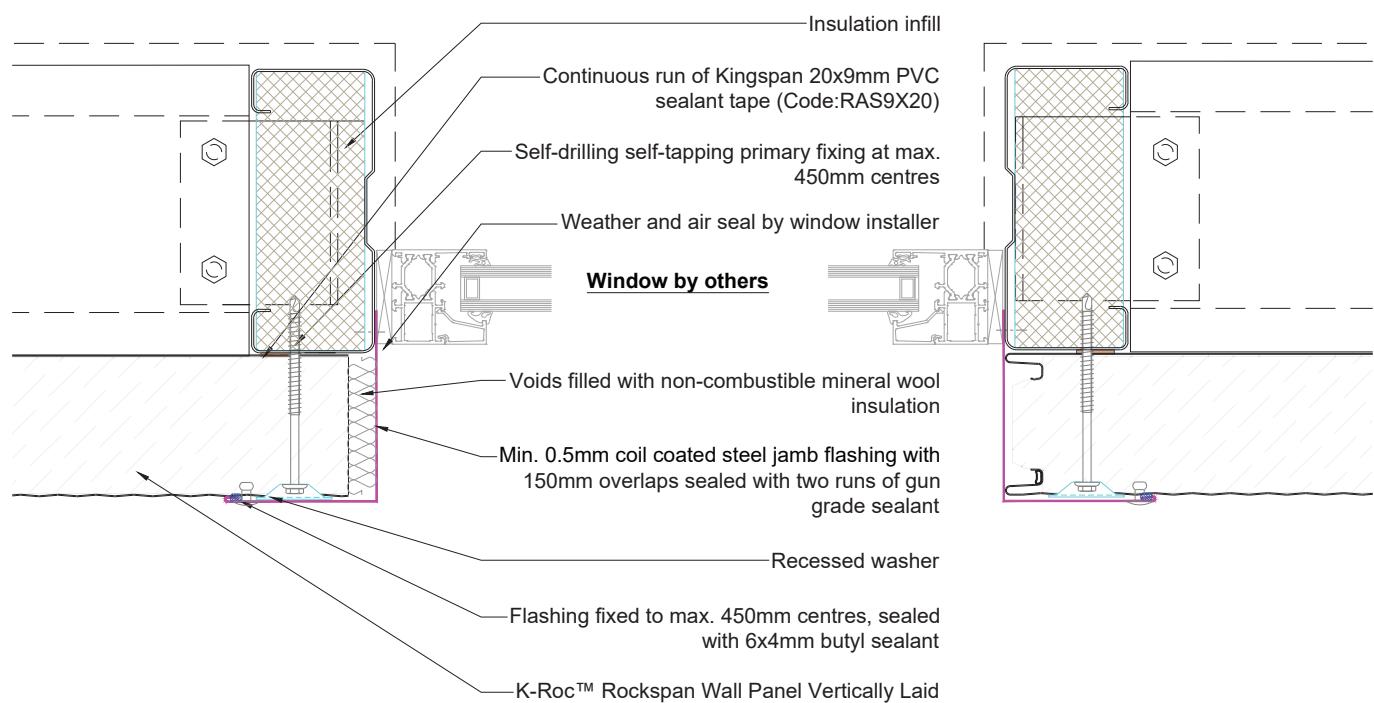
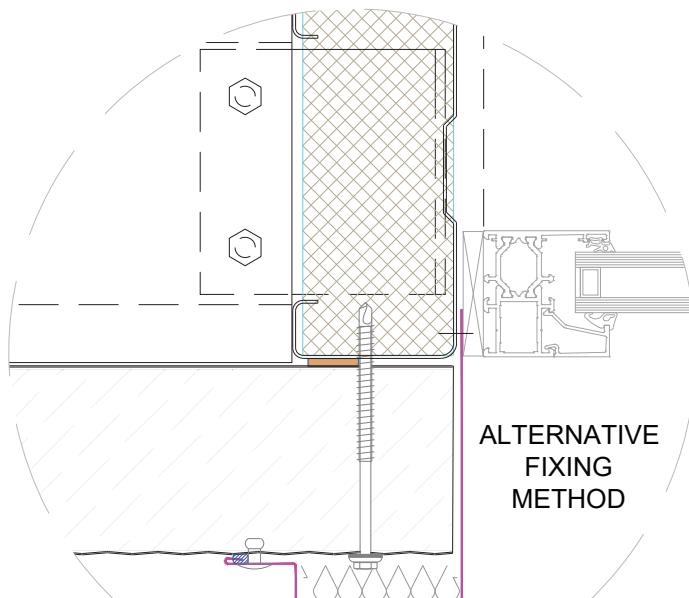
K-Roc™ Rockspan Wall Panel (Non-Firewall)



*Window system shown indicatively. Designed and supplied by others

Dwg. Title	Scale		
Window details (Head and Sill)	NTS		
Application	Dwg. No.	Rev.	
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K-Roc™ Rockspan Wall Panel (Non-Firewall)



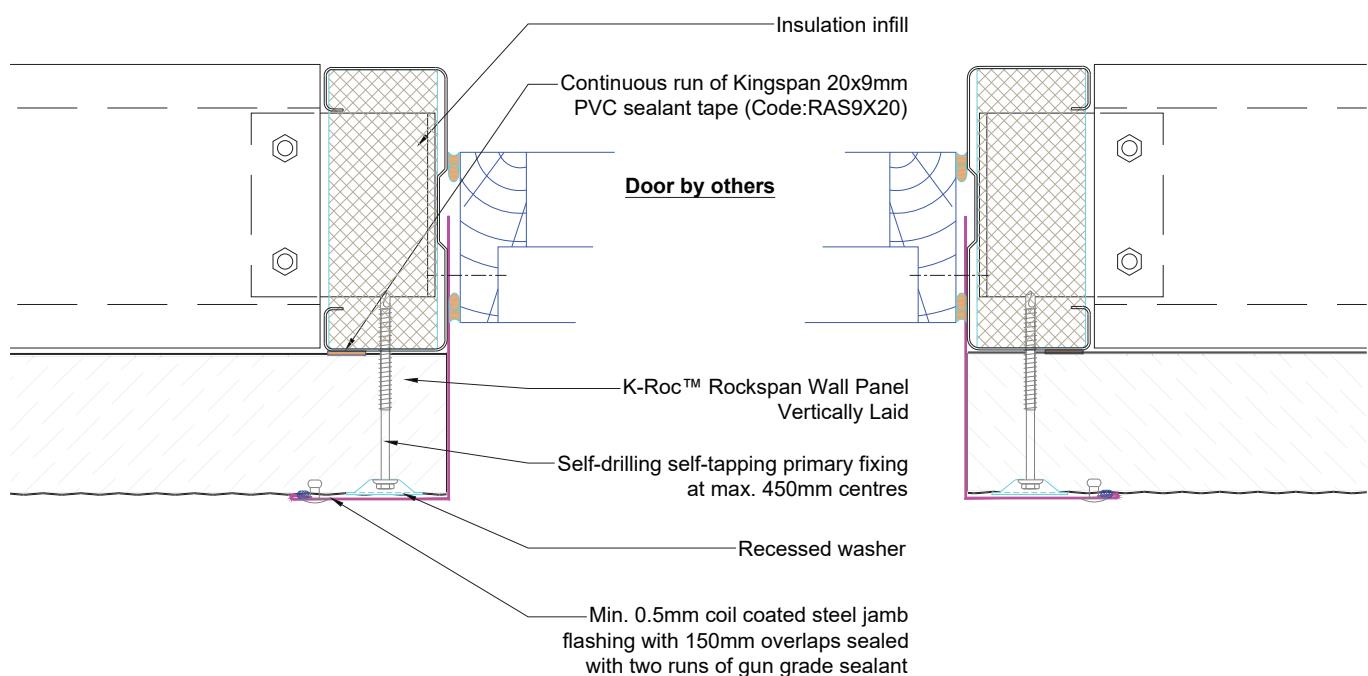
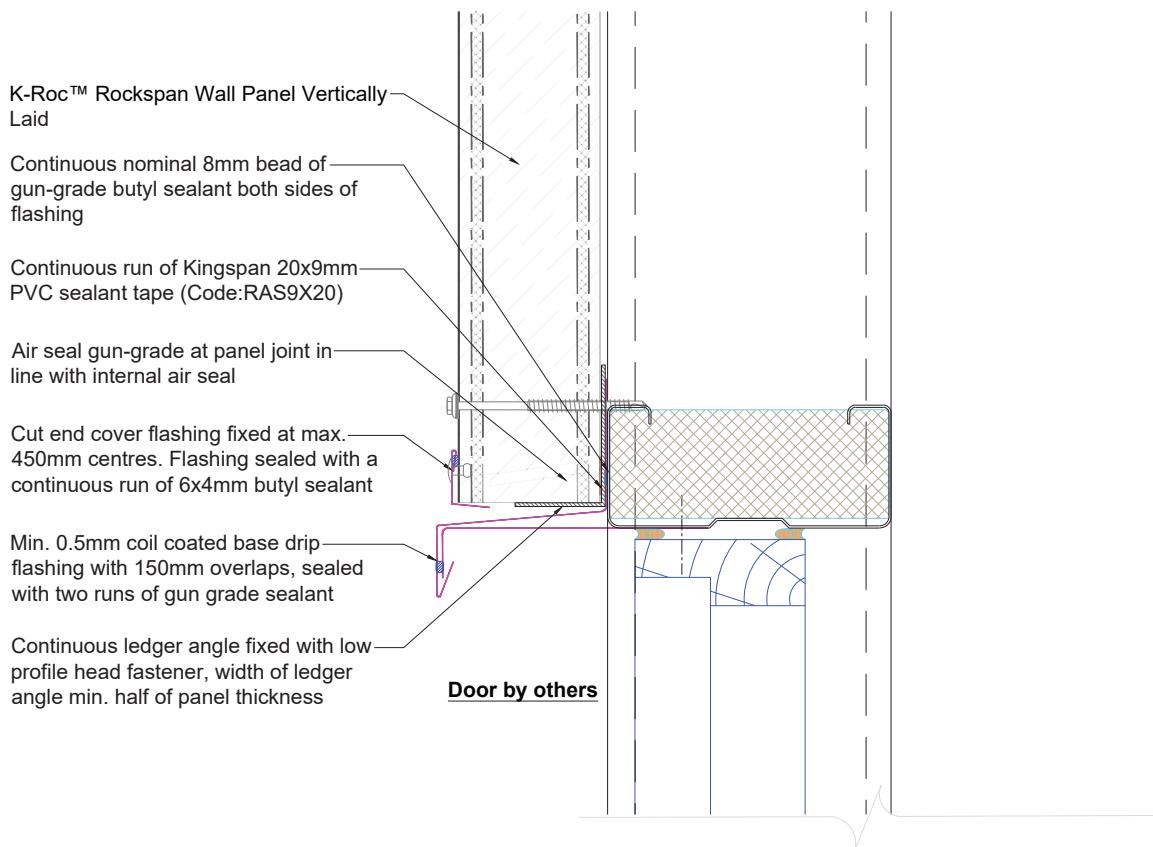
*Window system shown indicatively. Designed and supplied by others

Dwg. Title	Scale	
Window details (Jamb)	NTS	
Application	Dwg. No.	Rev.
K-Roc™ RS Wall Panel	K-RS V 10b	C

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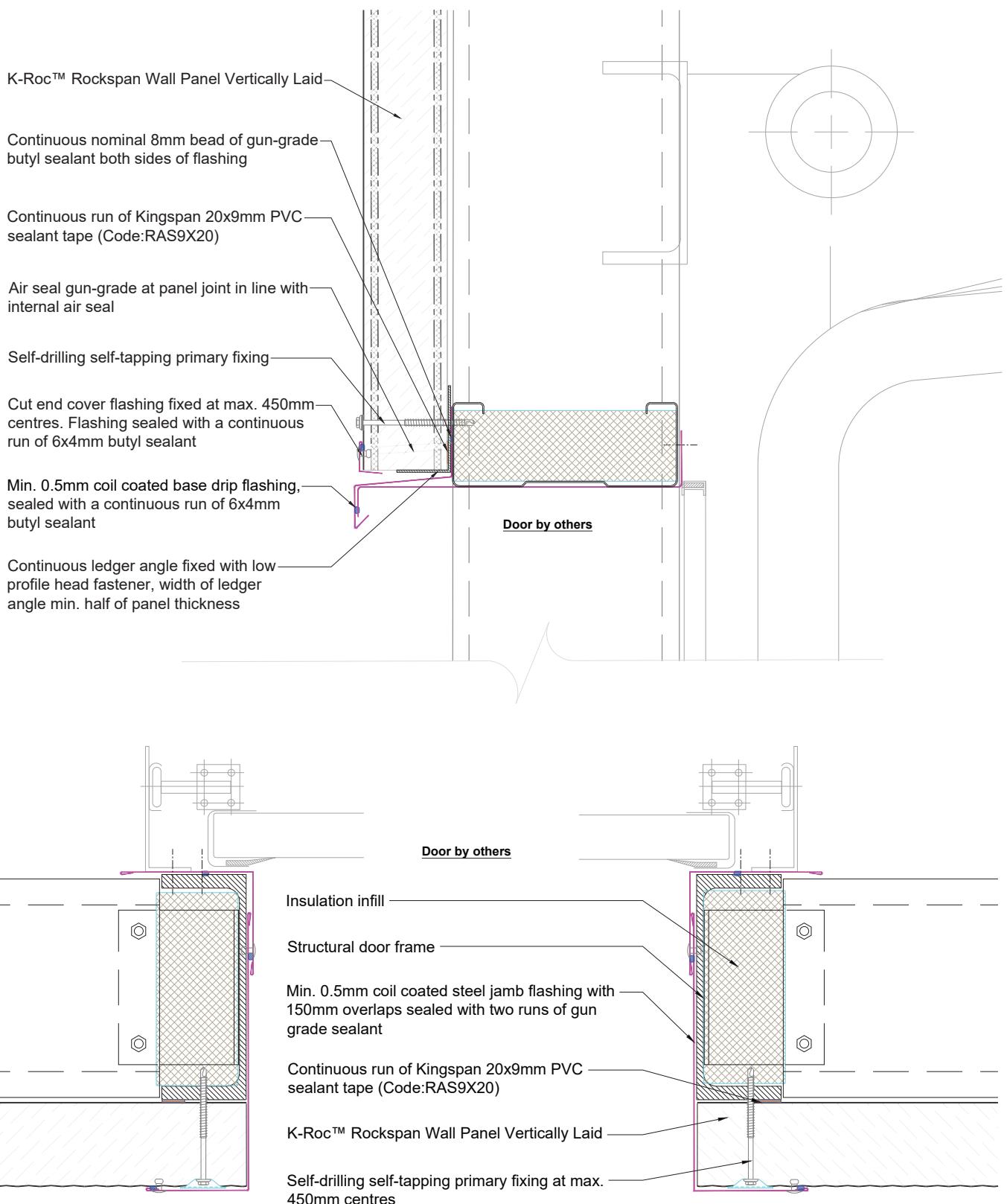
*Door system shown indicatively. Designed and supplied by others

Dwg. Title	Scale	
Personnel Door Details (Head and Jamb)	NTS	
Application	Dwg. No.	Rev.
K-Roc™ RS Wall Panel	K-RS V 11a	C

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K-Roc™ Rockspan Wall Panel (Non-Firewall)



*Door system shown indicatively. Designed and supplied by others

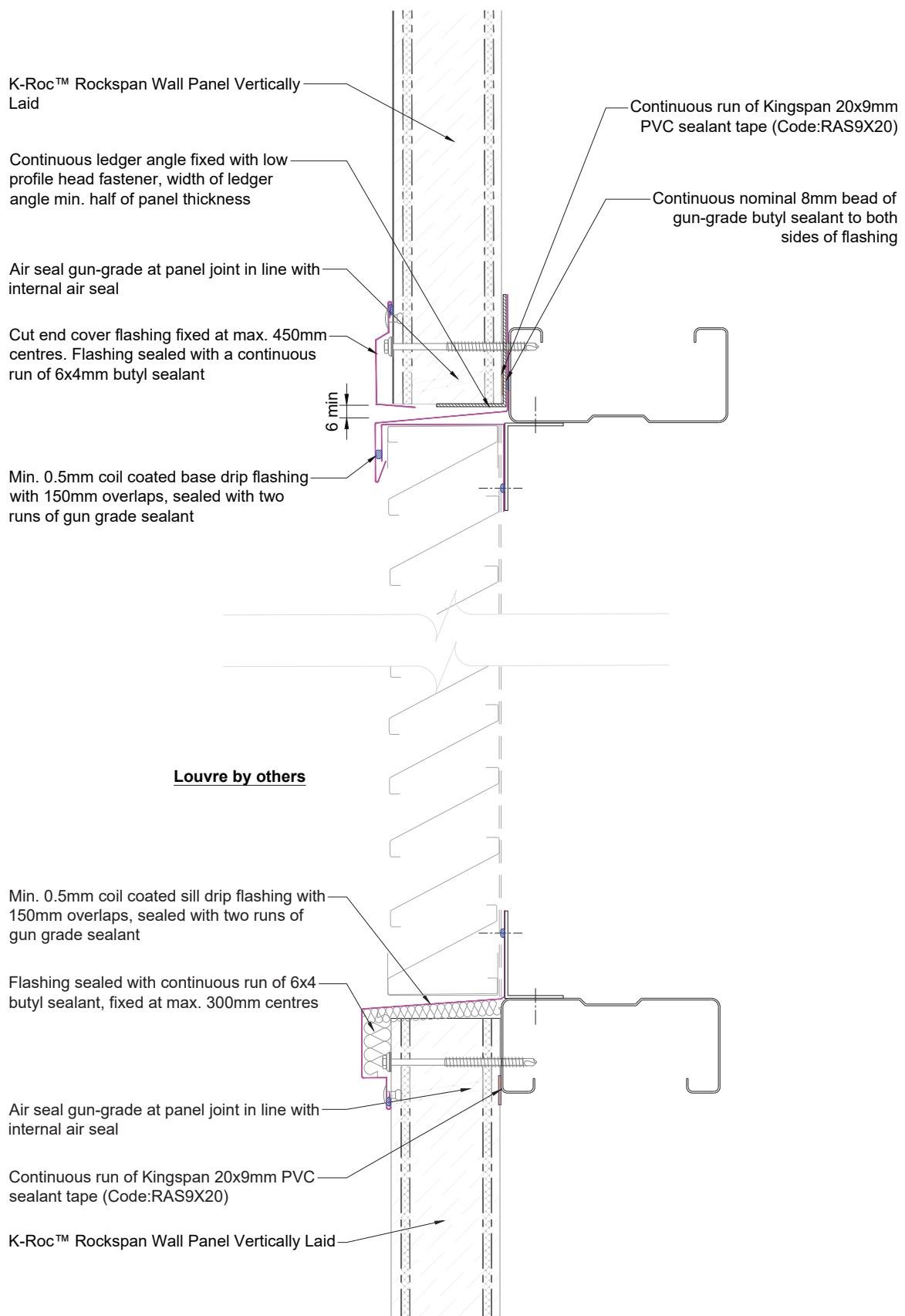
Dwg. Title	Scale	
Roller Door Details (Head and Jamb)	NTS	
Application	Dwg. No.	Rev.
K-Roc™ RS Wall Panel	K-RS V 11b	C

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K-Roc™ Rockspan Wall Panel (Non-Firewall)



*Louvre system shown indicatively. Designed and supplied by others

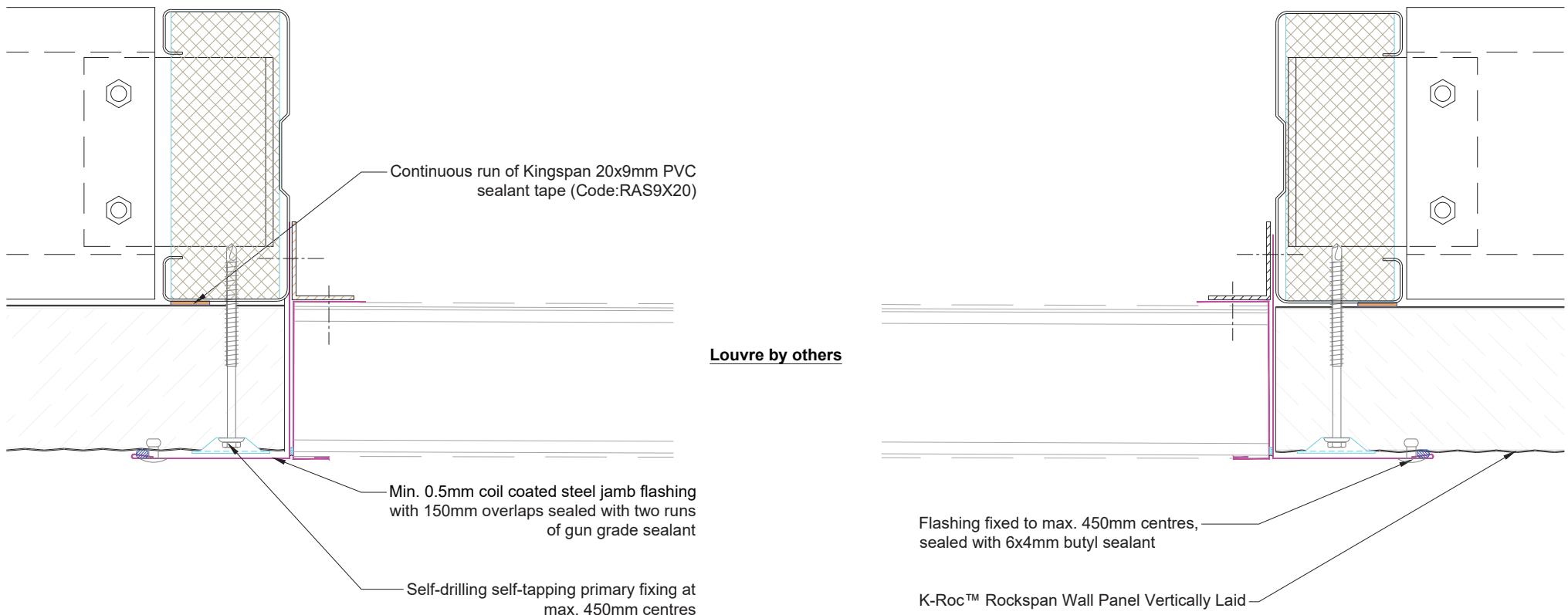
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Louvre Details (Head and Sill)	NTS	
K-Roc™ RS Wall Panel	K-RS V 12a	C

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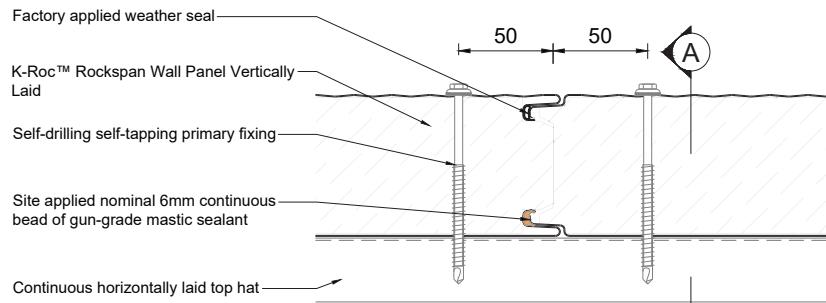
K-Roc™ Rockspan Wall Panel (Non-Firewall)



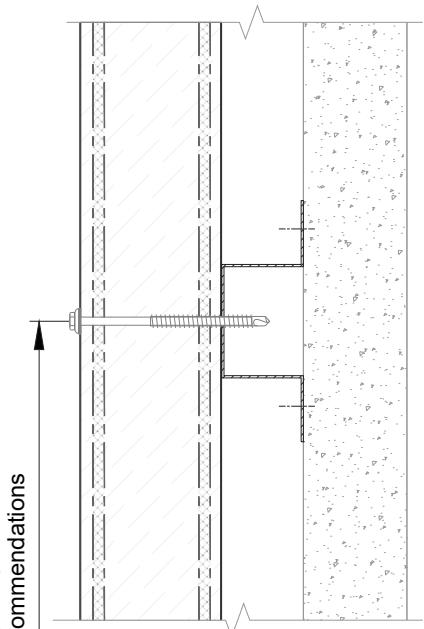
*Louvre system shown indicatively. Designed and supplied by others

Dwg. Title	Scale	These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in any way without written consent from Kingspan.
Louvre Details (Jamb)	NTS	
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K-Roc™ Rockspan Wall Panel (Non-Firewall)

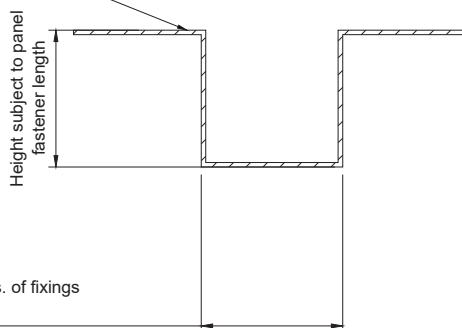


Plan view



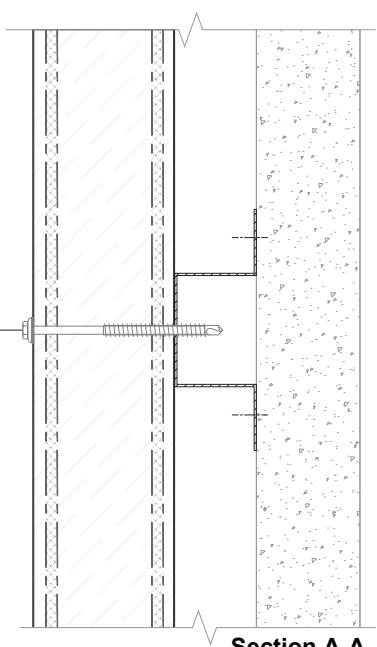
Distance subject to project specifics, refer to span & fixing recommendations

Min. thickness 1.2mm subject to project specifics



Structural Top hat - not by Kingspan

Top hat detail A



Section A-A

Dwg. Title	Scale	
Panel Fixed To Pre-Cast Concrete	NTS	
Application	Dwg. No.	Rev.
K-Roc™ RS Wall Panel	K-RS V 13a	C

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