



EQUUS SOPREMA FLAGON TPO MEMBRANE SYSTEM

Standard Details on Kingspan Insulated Panel

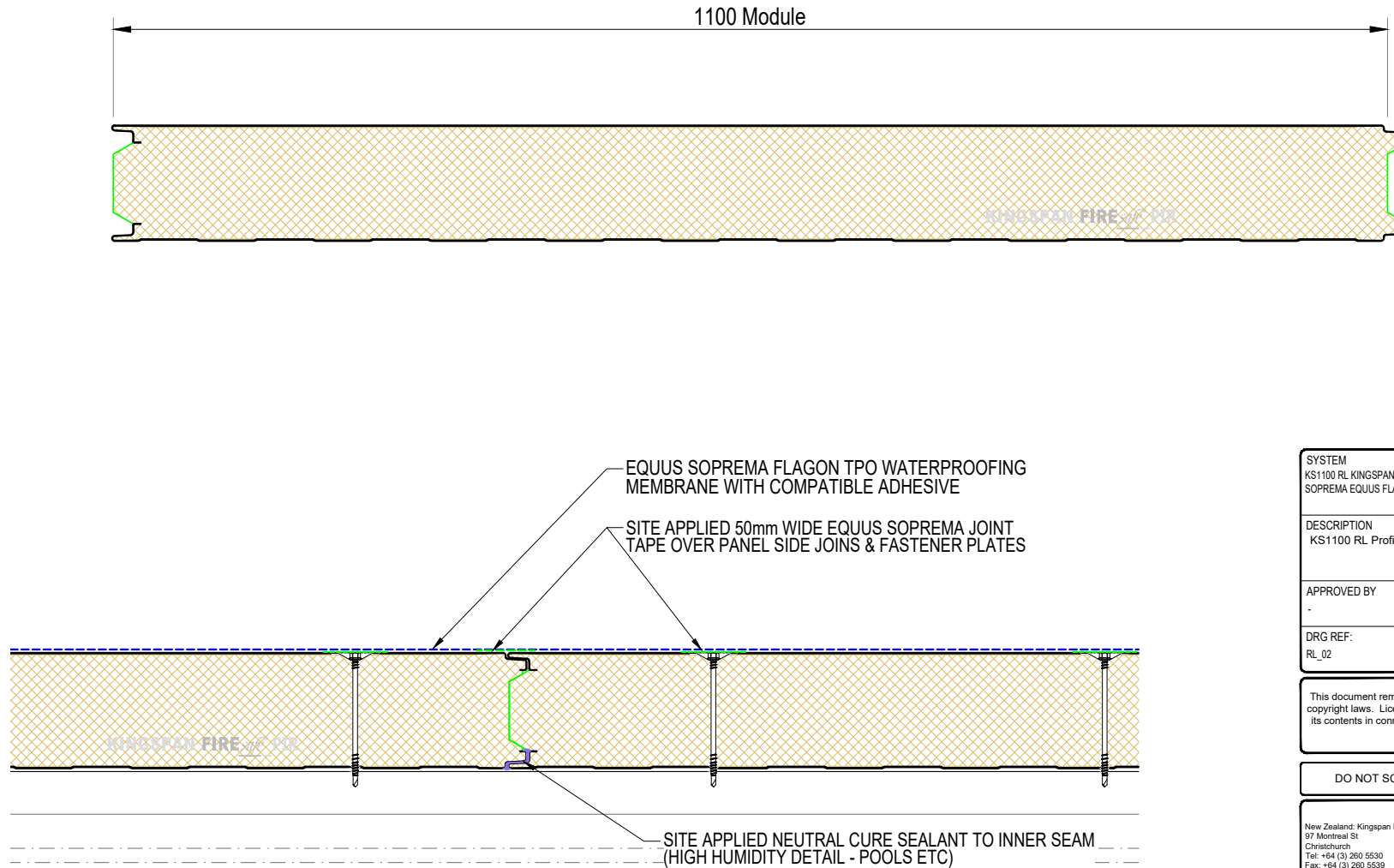


OCTOBER 2024

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KS1100 RL PROFILES



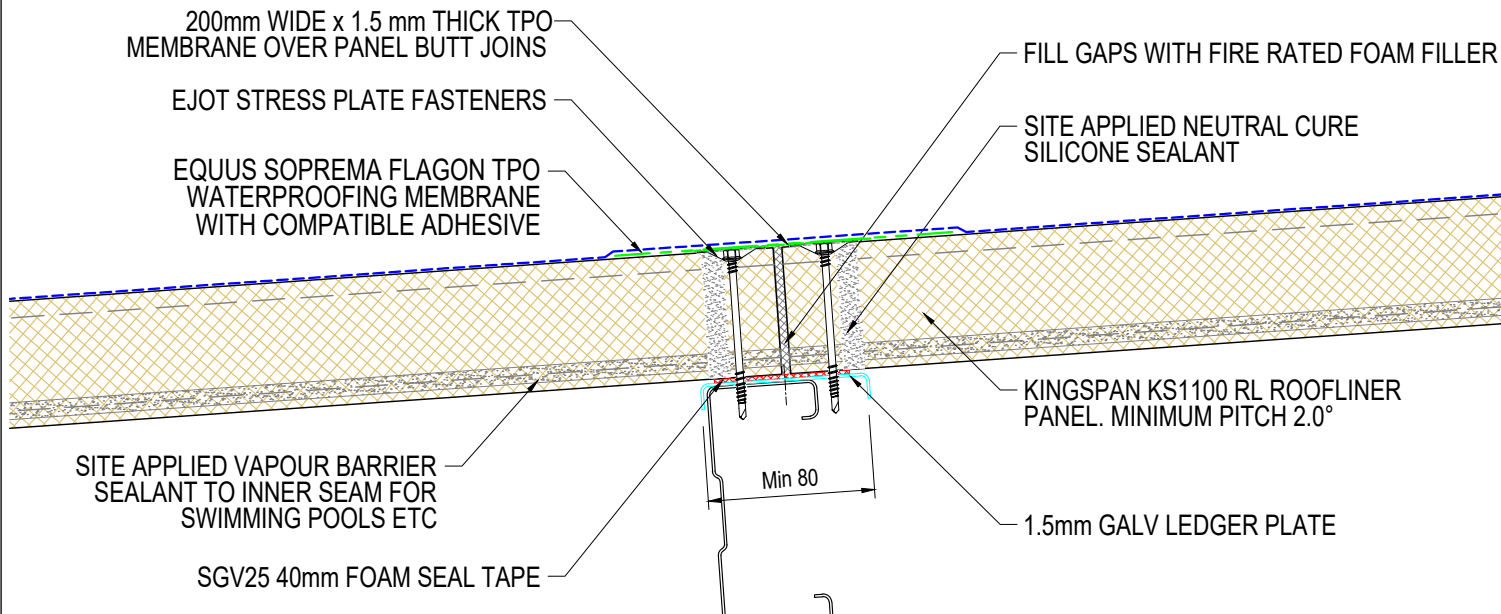
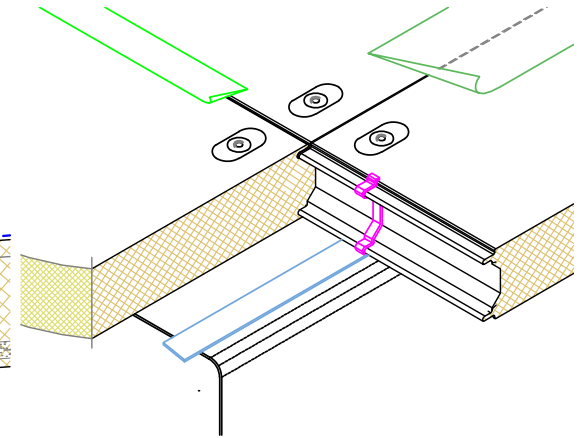
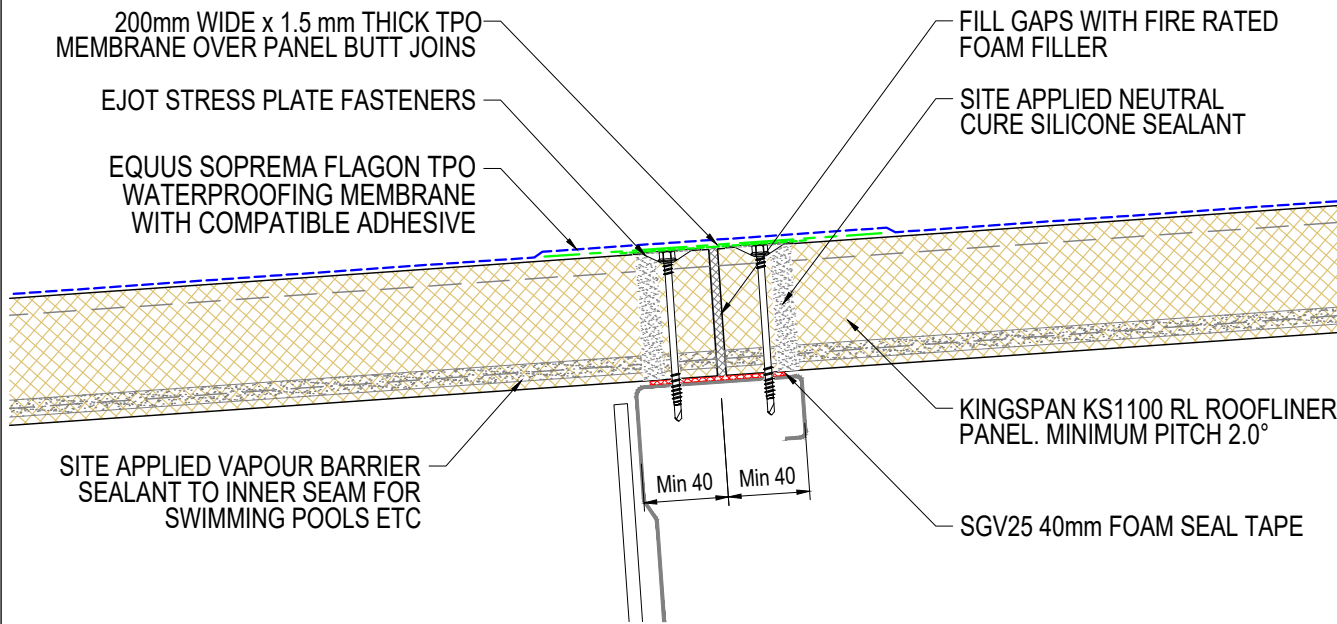
SYSTEM KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			
DESCRIPTION KS1100 RL Profiles			
APPROVED BY -	DATE 06.03.23	REVISION	
DRG REF: RL_02	SCALE 1:4	SHEET 3 of 18	PAPER SIZE A4

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97 Montreal St
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Fax: +64 (3) 260 5539
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ROOFLINER SIDE LAP & END BUTT JOINT DETAILS. MINIMUM PITCH 2.0°



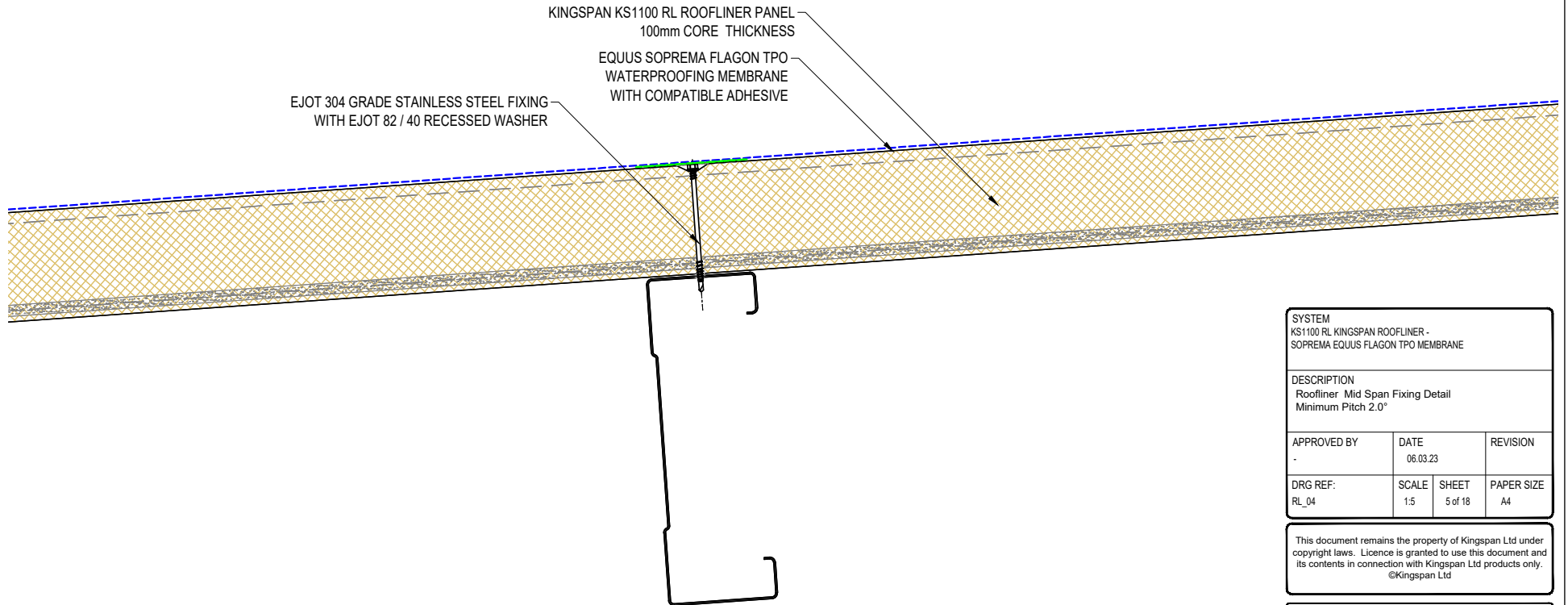
SYSTEM KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			
DESCRIPTION Roofliner 'Side Lap & End Butt Joint Details. Minimum Pitch 2.0°			
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DRG REF: RL_03	SCALE 1:4	SHEET 4 of 18	PAPER SIZE A4

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ROOFLINER MID SPAN FIXING DETAIL MINIMUM PITCH 2.0°



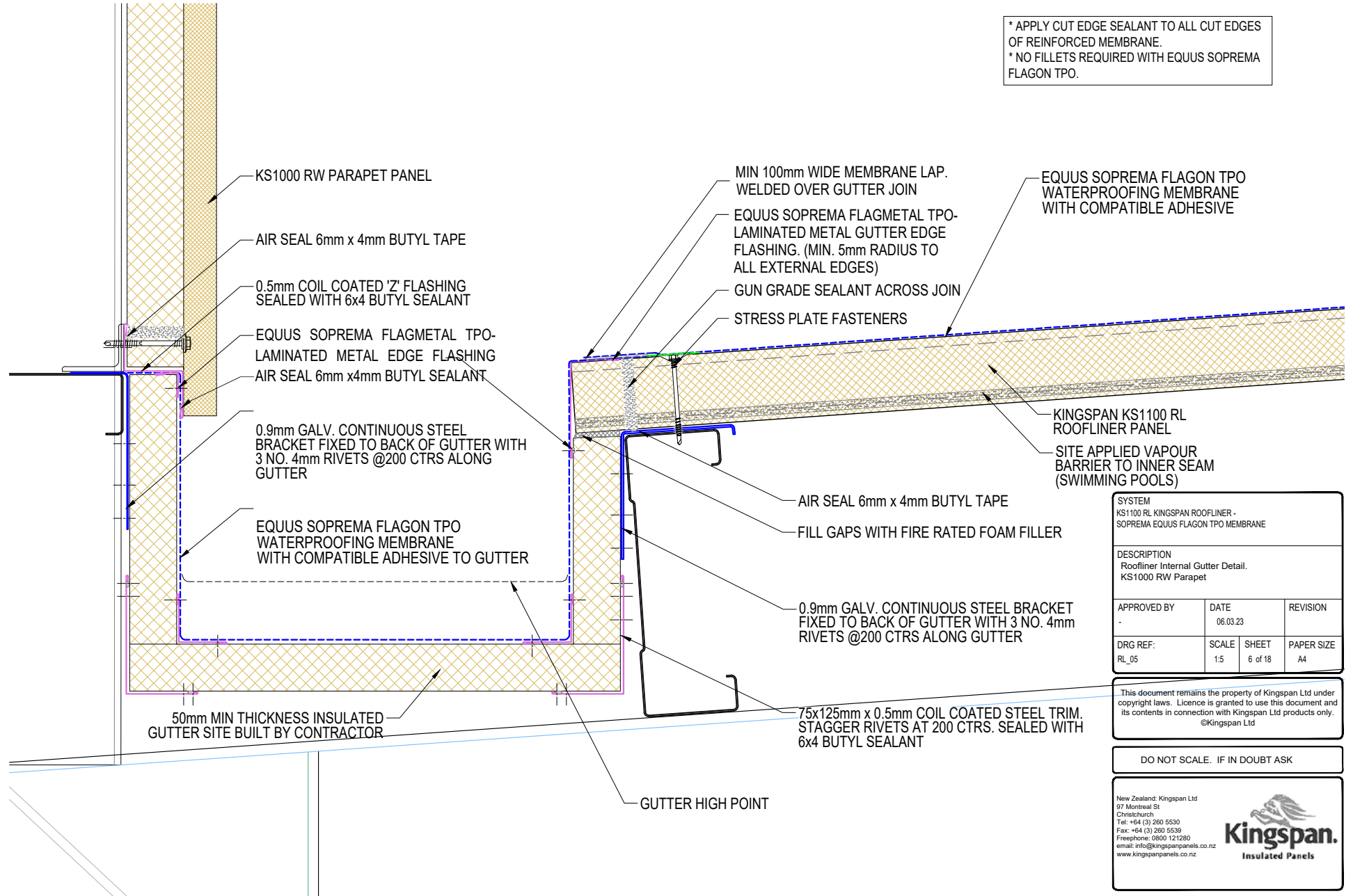
SYSTEM KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			
DESCRIPTION Roofliner Mid Span Fixing Detail Minimum Pitch 2.0°			
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ROOFLINER INTERNAL GUTTER DETAIL. KS1000 RW PARAPET



* APPLY CUT EDGE SEALANT TO ALL CUT EDGES OF REINFORCED MEMBRANE.
* NO FILLETS REQUIRED WITH EQUUS SOPREMA FLAGON TPO.

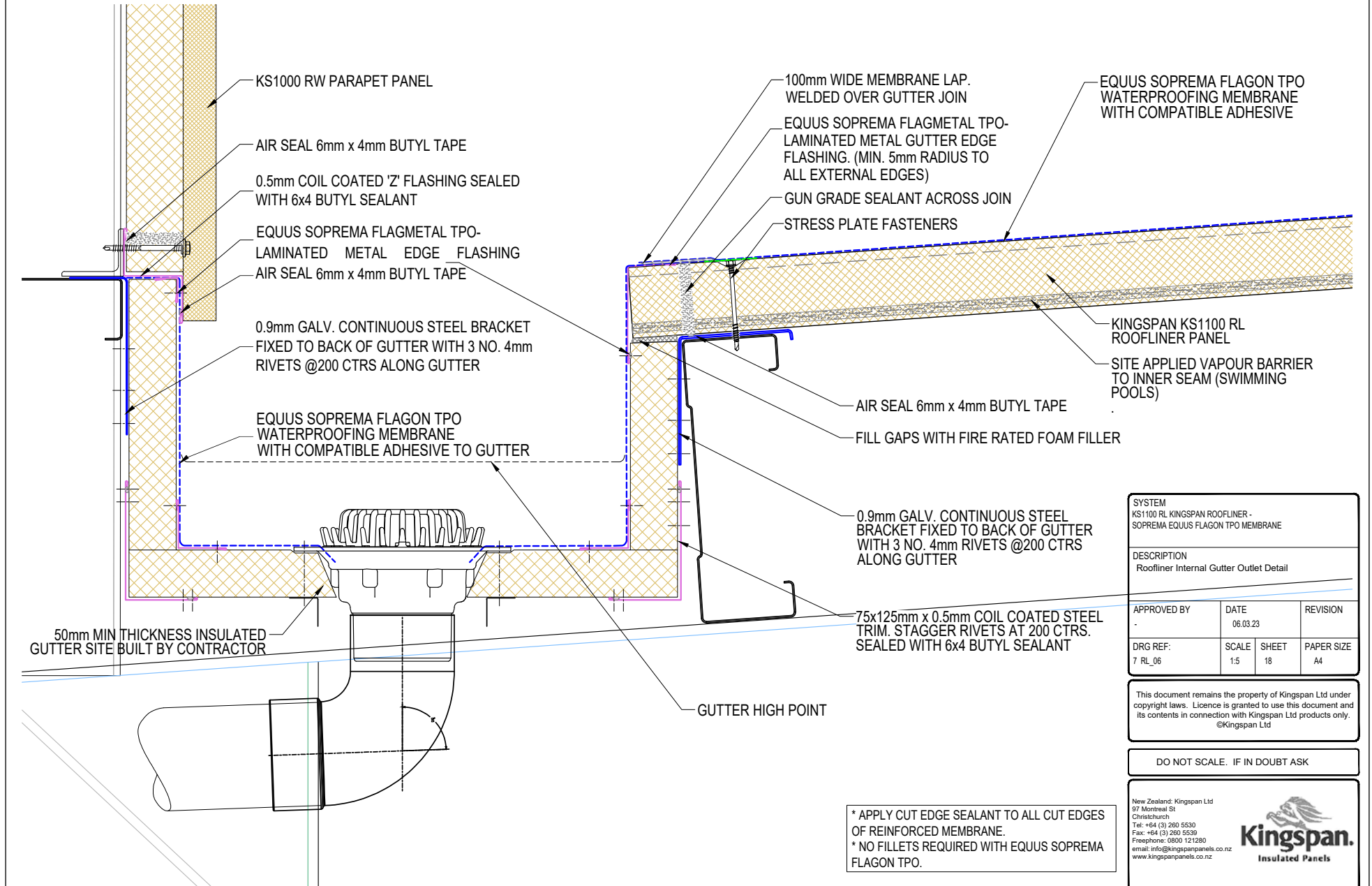
SYSTEM KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			
DESCRIPTION Roofliner Internal Gutter Detail. KS1000 RW Parapet			
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ROOFLINER INTERNAL GUTTER OUTLET DETAIL



SYSTEM			
KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			

DESCRIPTION
Roofliner Internal Gutter Outlet Detail

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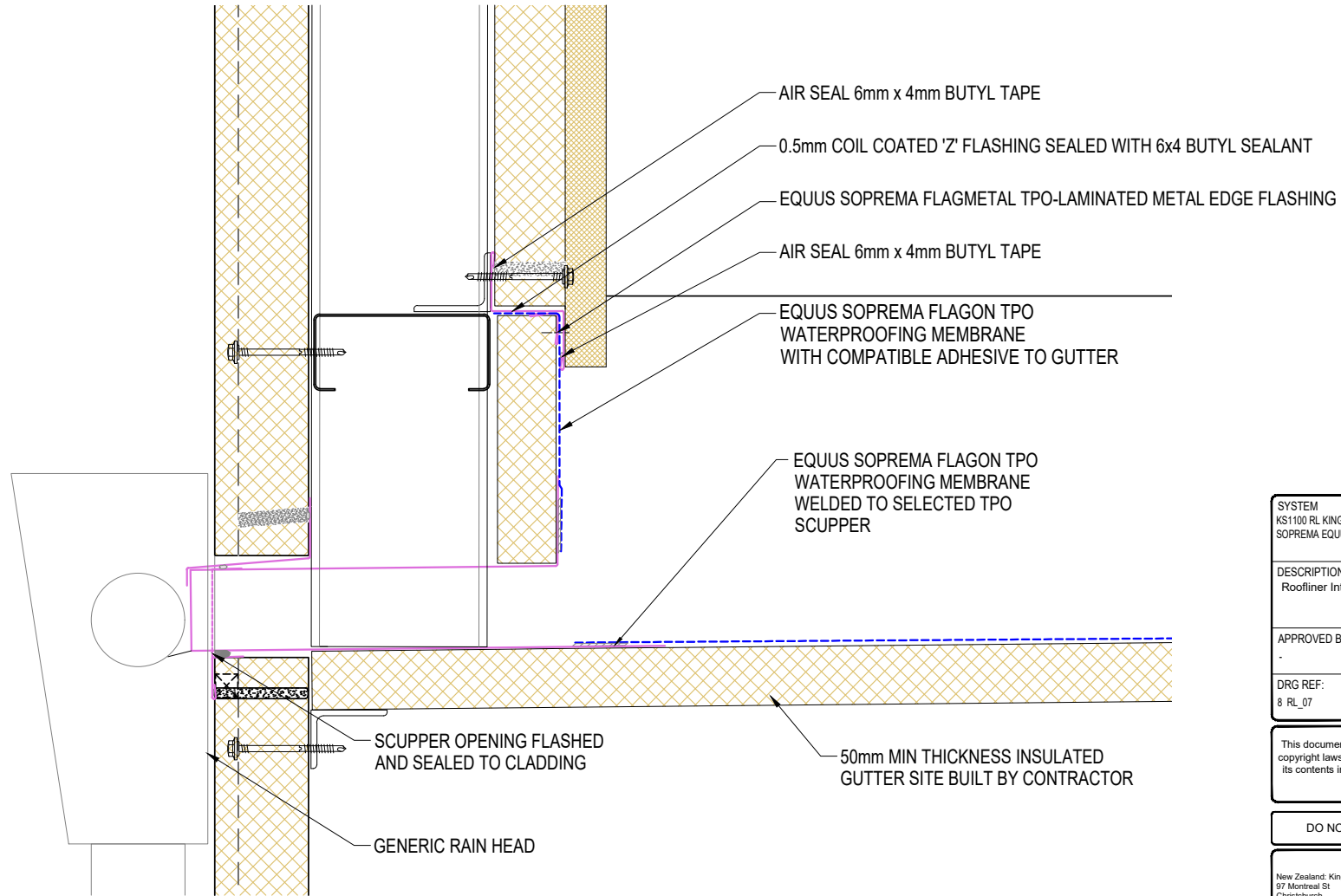
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* NO FILLETS REQUIRED WITH EQUUS SOPREMA FLAGON TPO.

ROOFLINER INTERNAL GUTTER SCUPPER DETAIL



SYSTEM			
KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			

DESCRIPTION			
Roofliner Internal Gutter Scupper Detail			

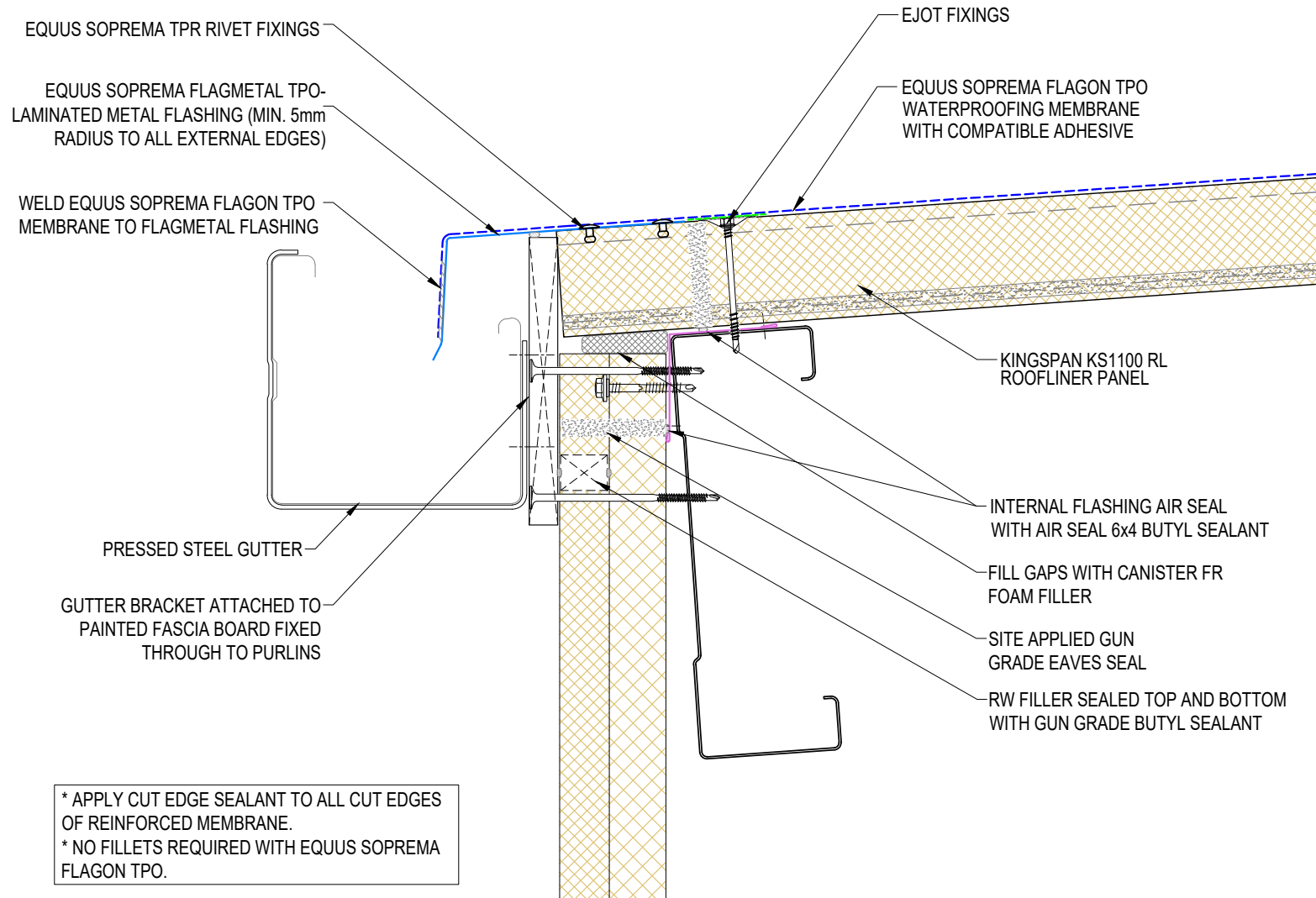
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ROOFLINER EAVES TO GUTTER DETAIL.



* APPLY CUT EDGE SEALANT TO ALL CUT EDGES OF REINFORCED MEMBRANE.
* NO FILLETS REQUIRED WITH EQUUS SOPREMA FLAGON TPO.

SYSTEM			
KS1100 RL KINGSSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			

DESCRIPTION			
Roofliner Eaves to Gutter Detail.			

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9 RL_08	1:5	18	A4

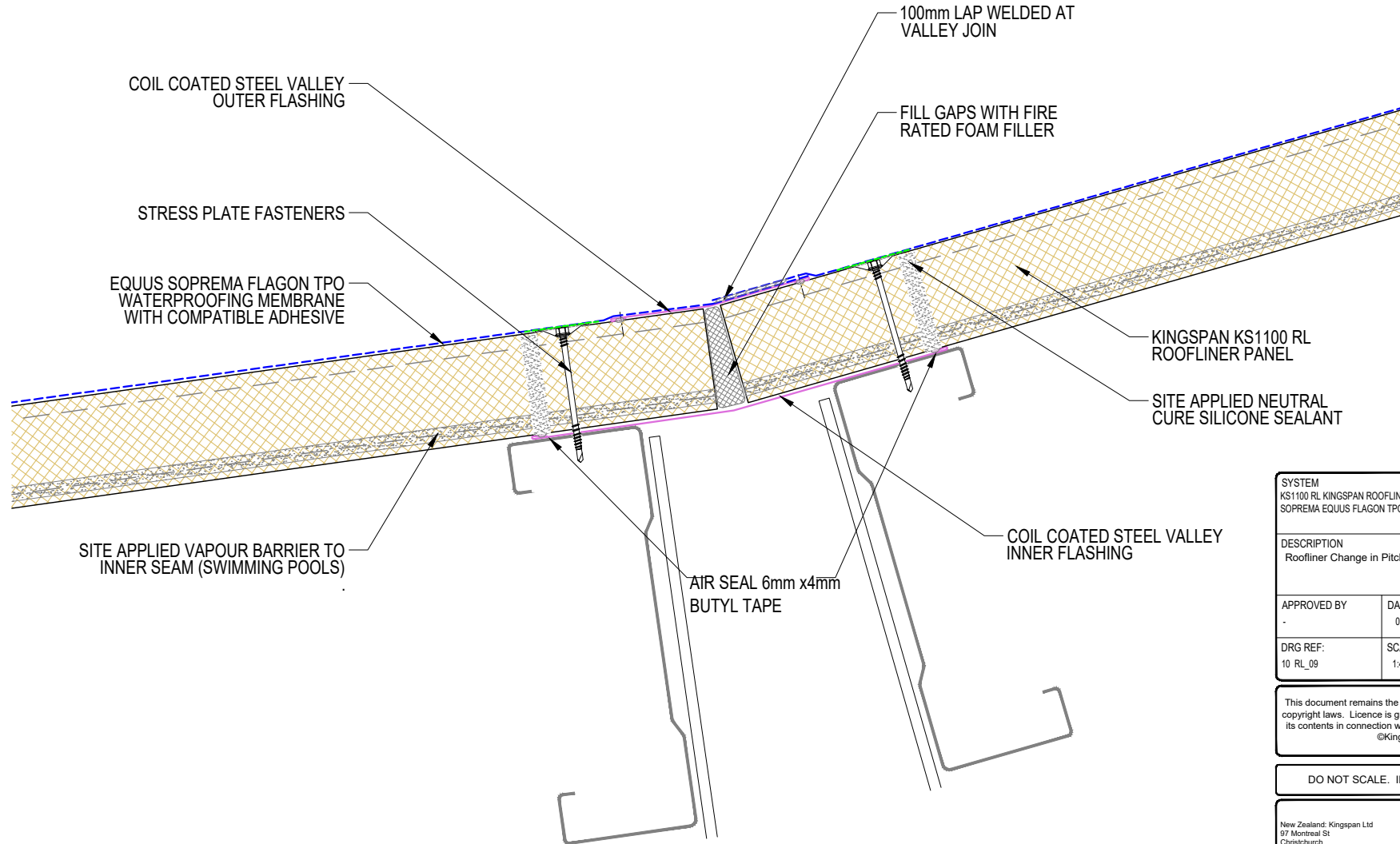
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ROOFLINER CHANGE IN PITCH DETAIL.

**Valley Detail- Light Sheet Steel Purlin
Transition Angle**



SYSTEM			
KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			

DESCRIPTION			
Roofliner Change in Pitch Detail.			

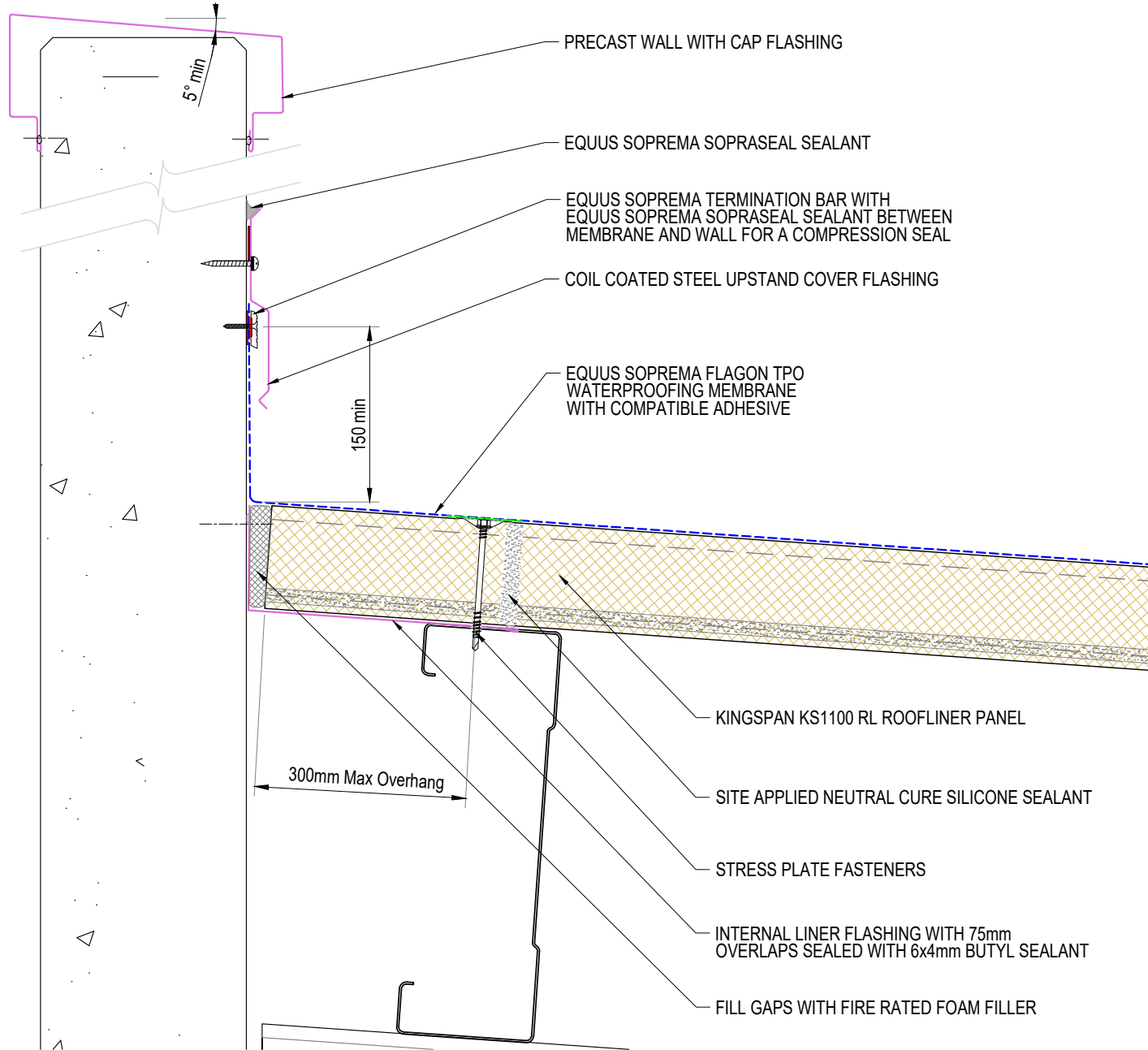
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10_RL_09	1:4	18	A4

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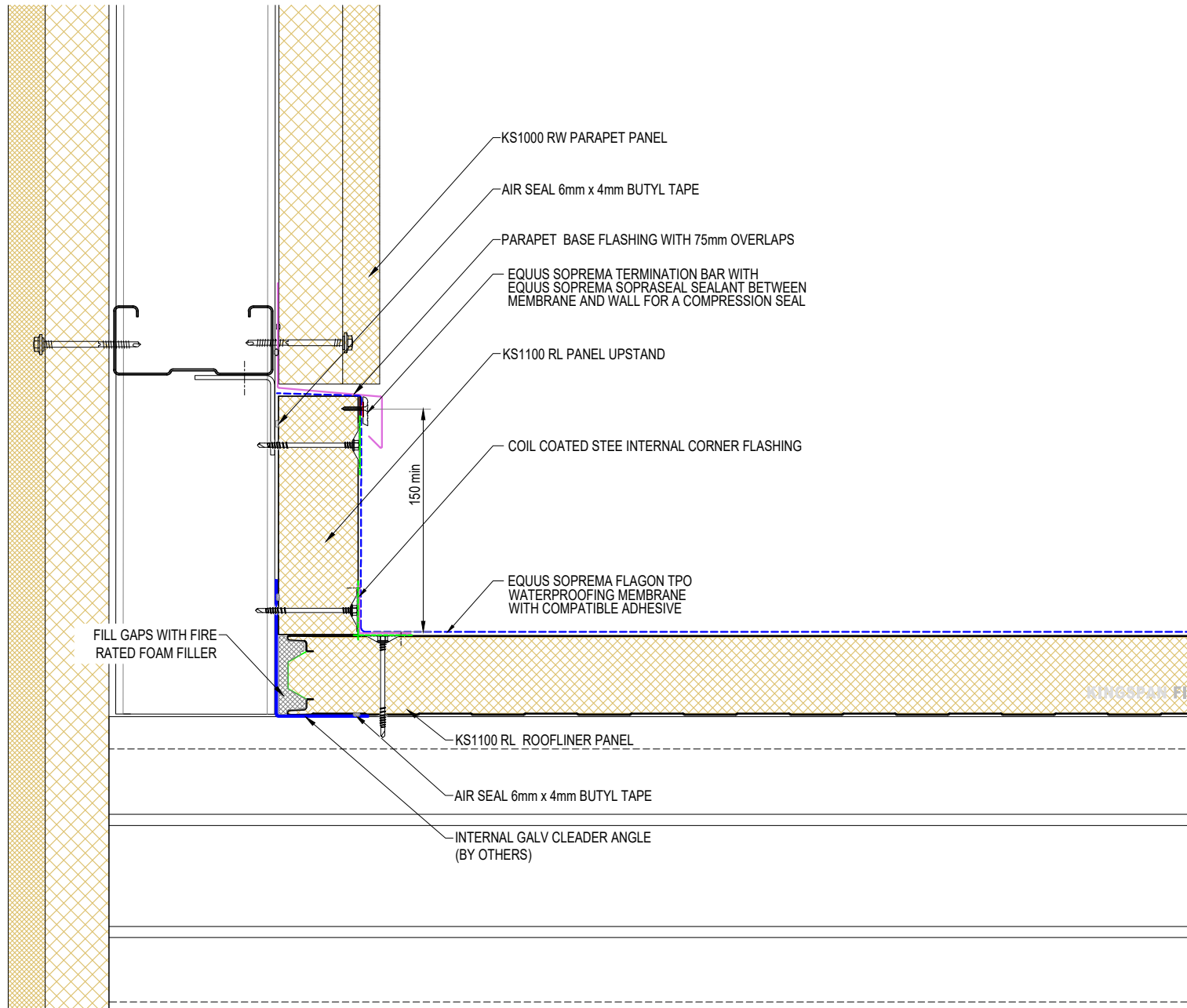
ROOFLINER MONO PITCH RIDGE DETAIL. PRE-CAST



NOTE:
EQUUS SOPREMA WOULD ONLY ADVISE USING A PRESSURE BAR DETAIL WHERE A CHASE DETAIL IS NOT PRACTICAL

SYSTEM KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			
DESCRIPTION Roofliner Mono Pitch Ridge Detail. Pre-Cast			
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ROOFLINER VERGE UPSTAND DETAIL KS1000 RW PARAPET



SYSTEM			
KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			

DESCRIPTION			
Roofliner Verge Upstand Detail KS1000 RW Parapet			

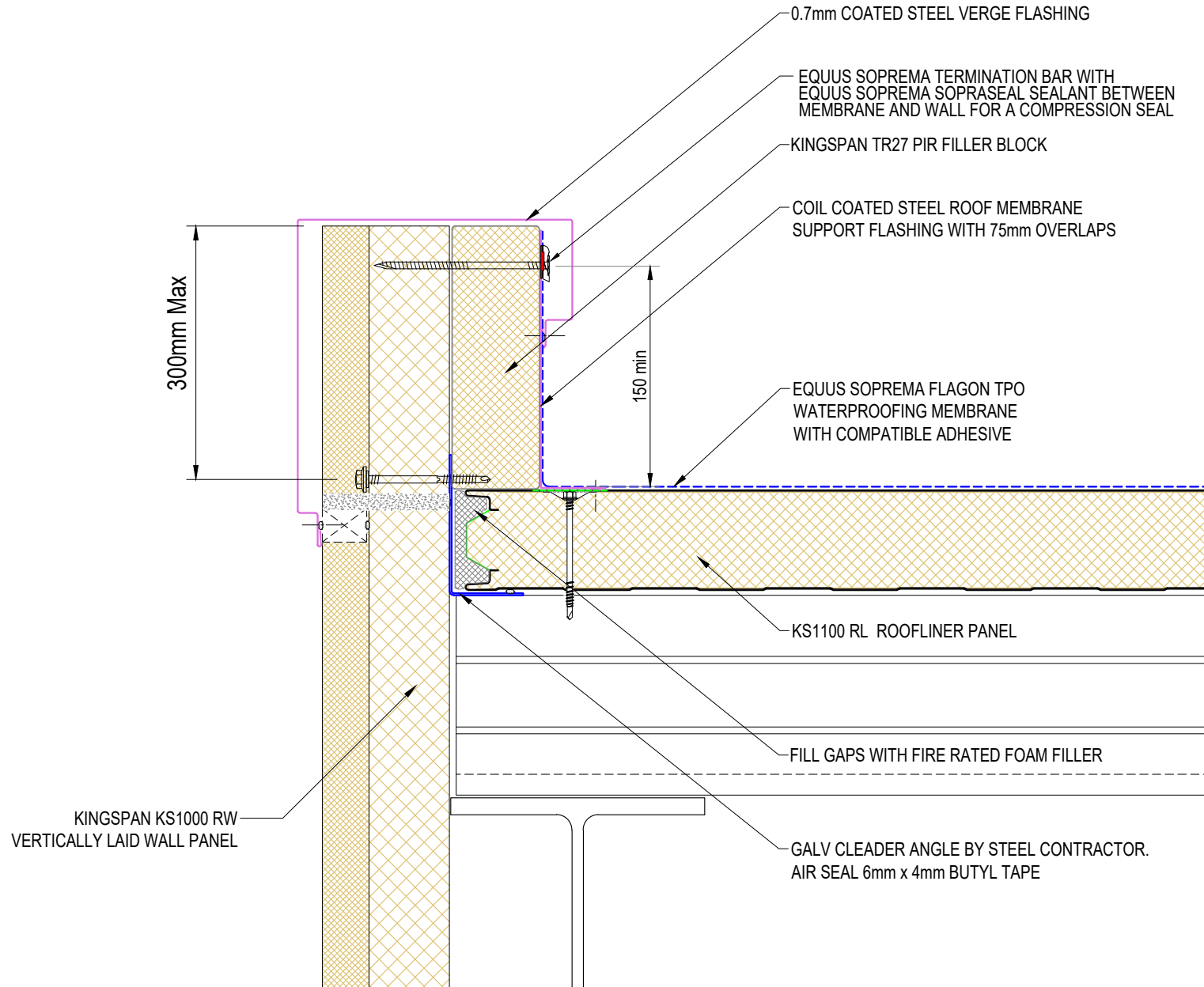
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13_RL_12	1:4	18	A4

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ROOFLINER BARGE CAP DETAIL. KS1000 RW VERTICAL WALL



SYSTEM			
KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			

DESCRIPTION			
Roofliner Barge Cap Detail. KS1000 RW Vertical Wall			

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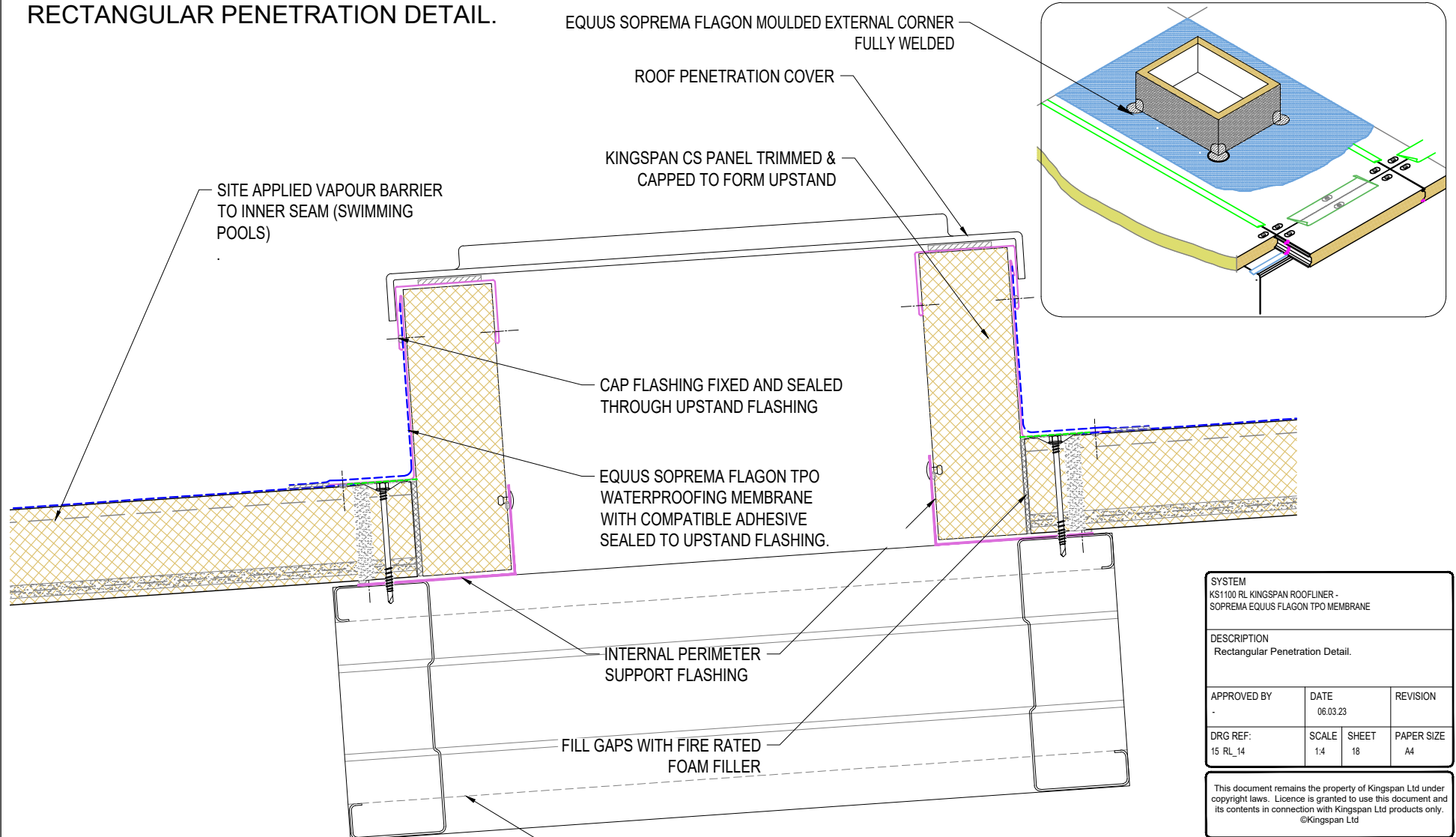
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RECTANGULAR PENETRATION DETAIL.



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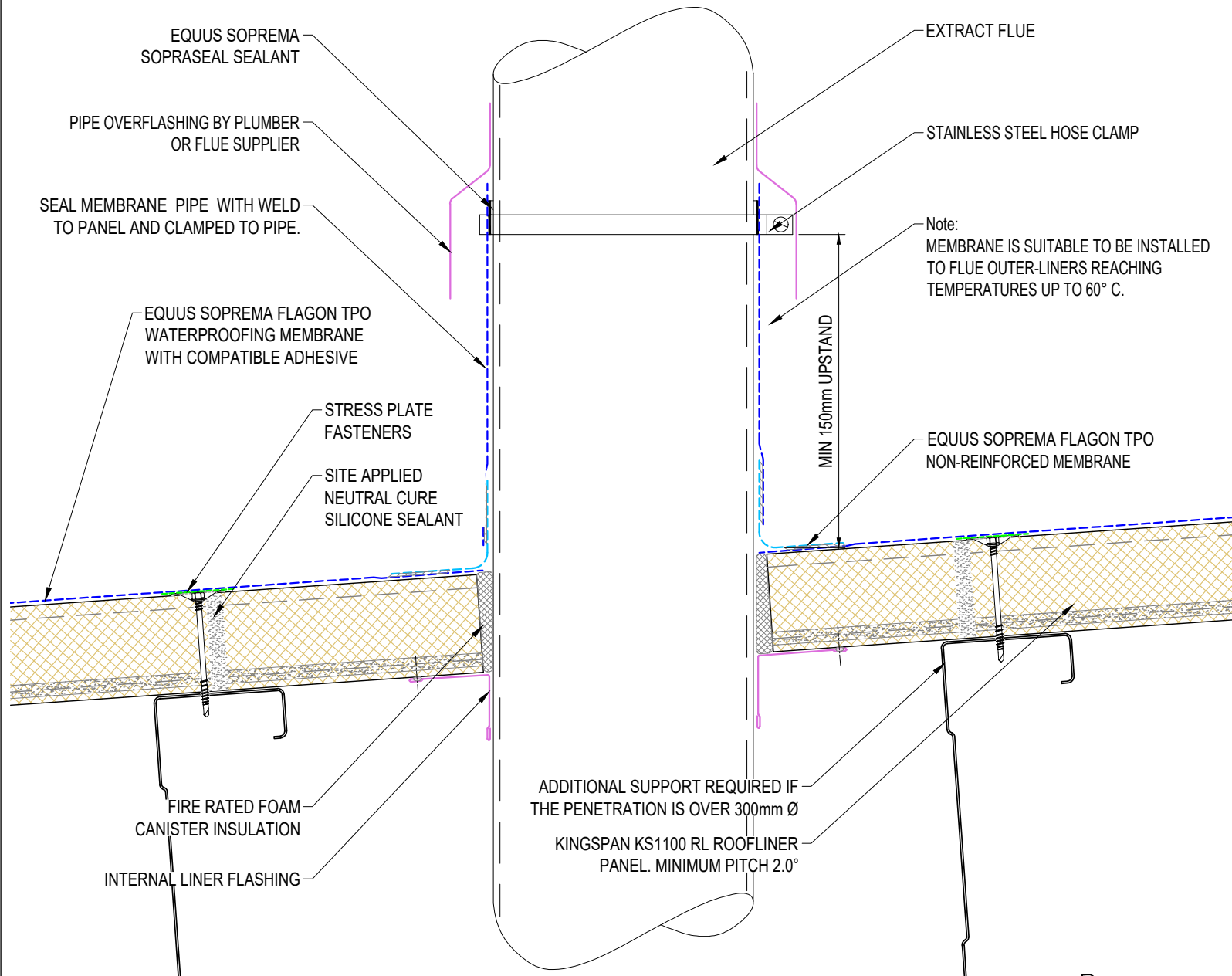
ADDITIONAL SUPPORT STRUCTURE FOR RECTANGULAR PENETRATIONS OVER 400mm SQUARE

SYSTEM KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			
DESCRIPTION Rectangular Penetration Detail.			
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ROOFLINER CIRCULAR EXTRACT FLUE DETAIL.



NOTE:
HEIGHT OF EXHAUST PIPE TO BE SUFFICIENT TO PREVENT MEMBRANE PANEL BEING EXPOSED TO HOT GASES.

NOTE:
SURFACE TEMPERATURE OF EXTRACTOR FLUE MUST NOT EXCEED 60°C

SHOULD EXTRACTOR FLUE EXHAUST HIGH TEMPERATURE GASES / POLLUTANTS, A SUITABLE FR / NON - COMBUSTIBLE BARRIER GASKET MUST BE INSTALLED BY SPECIALIST CONTRACTOR.

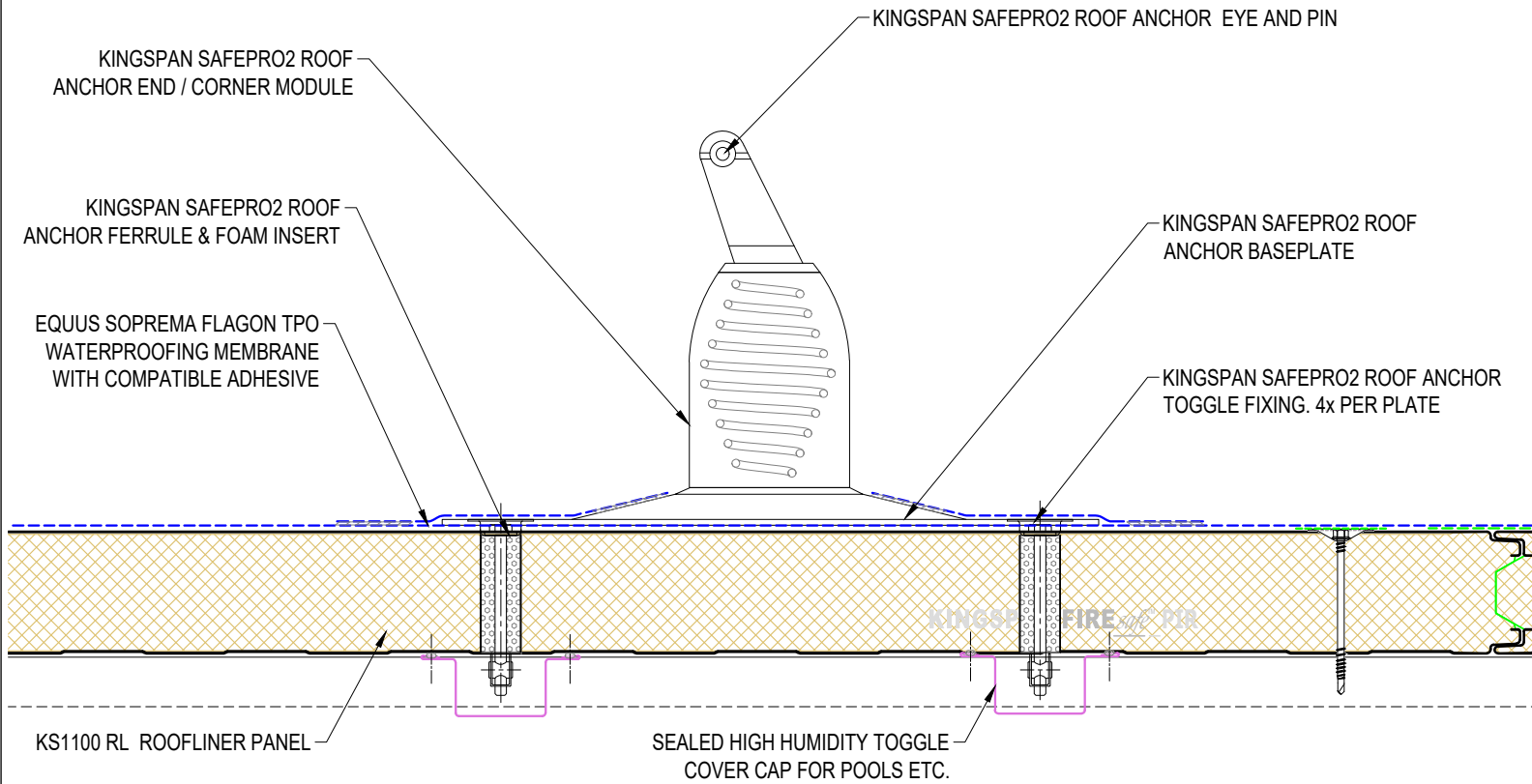
SYSTEM KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			
DESCRIPTION Roofliner Circular Extract Flue Detail.			
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KINGSPAN SAFEPRO2 ANCHOR PLATE.



SYSTEM			
KS1100 RL KINGSPAN ROOFLINER - SOPREMA EQUUS FLAGON TPO MEMBRANE			

DESCRIPTION
Kingspan SafePro2 Anchor Plate.

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