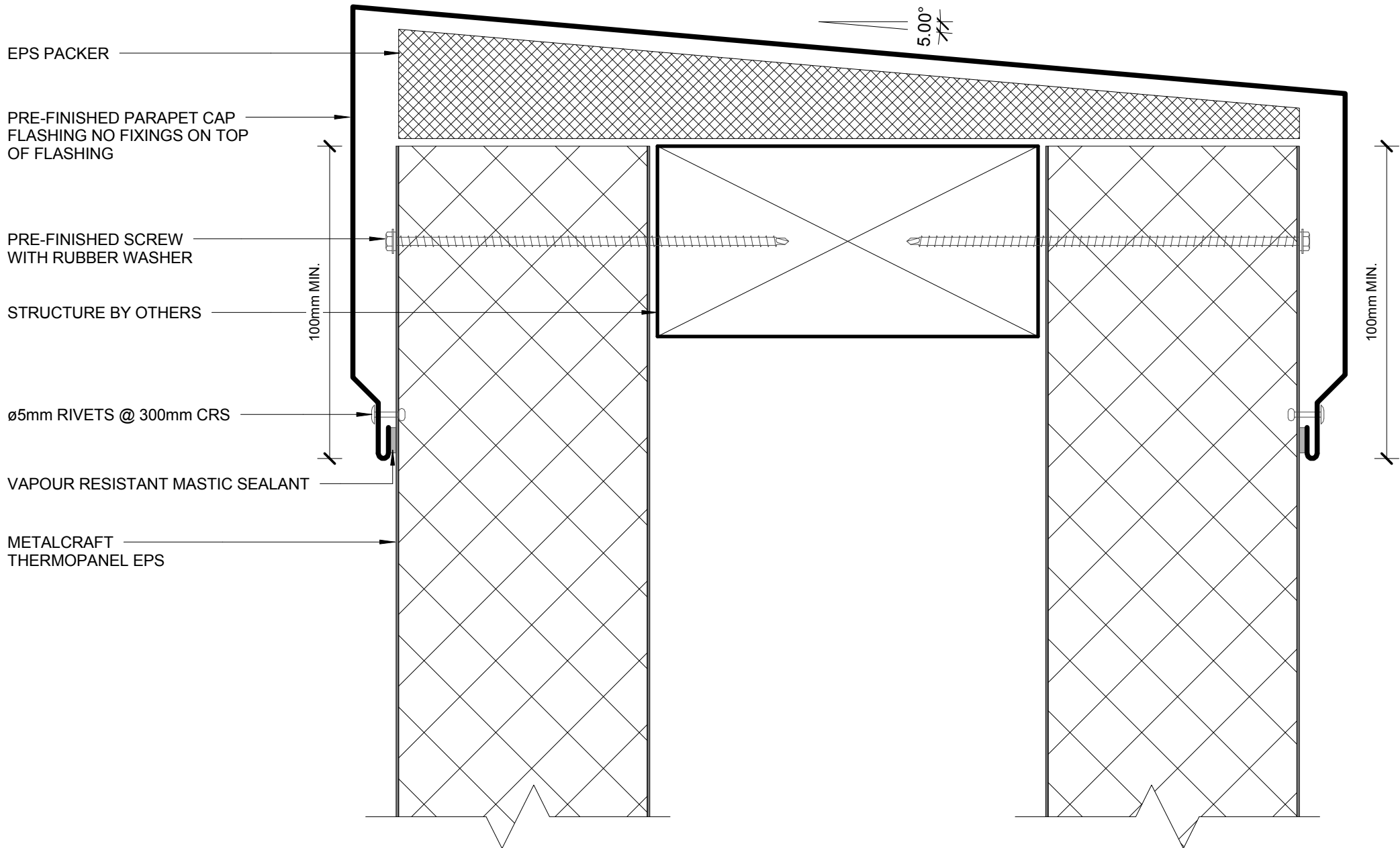


Thermopanel EPS

EXTERNAL WALL DETAILS

DETAIL LIST

| | | <u>Revision</u> | <u>Date</u> |
|---------|-------------------------------------|-----------------|-------------|
| 00 / 21 | COVER SHEET | | |
| 01 / 21 | PARAPET | 2.0 | 14.12.2018 |
| 02 / 21 | WINDOW HEAD | 1.1 | 14.12.2018 |
| 03 / 21 | WINDOW SILL AND JAMB | 1.1 | 14.12.2018 |
| 04 / 21 | VERTICAL JOINT TYPE C | 2.0 | 14.12.2018 |
| 05 / 21 | PIPE PENETRATION w DEKTITE FLASHING | 1.1 | 14.12.2018 |
| 06 / 21 | PIPE PENETRATION w PVC FLANGE | 1.1 | 14.12.2018 |
| 07 / 21 | MIDFLOOR JOINT | 1.1 | 14.12.2018 |
| 08 / 21 | SECRET FIXING JOINT 01 | 1.1 | 14.12.2018 |
| 09 / 21 | SECRET FIXING JOINT 02 | 1.1 | 14.12.2018 |
| 10 / 21 | METERBOX JAMB HEAD AND SILL DETAIL | 1.1 | 14.12.2018 |
| 11 / 21 | INTERNAL/EXTERNAL CORNER DETAIL | 1.1 | 14.12.2018 |
| 12 / 21 | ALTERNATIVE INTERNAL CORNER | 1.1 | 14.12.2018 |
| 13 / 21 | ALTERNATE EXTERNAL CORNER | 1.1 | 14.12.2018 |
| 14 / 21 | ABUTMENT 01 | 1.1 | 14.12.2018 |
| 15 / 21 | ABUTMENT 02 | 1.1 | 14.12.2018 |
| 16 / 21 | BOTTOM OF CLADDING 01 | 1.1 | 14.12.2018 |
| 17 / 21 | BOTTOM OF CLADDING 02 | 1.1 | 14.12.2018 |
| 18 / 21 | BOTTOM OF CLADDING 03 | 1.1 | 14.12.2018 |
| 19 / 21 | BOTTOM OF CLADDING 04 | 1.1 | 14.12.2018 |
| 20 / 21 | BOTTOM OF CLADDING 05 | 1.1 | 14.12.2018 |
| 21 / 21 | PANEL PROFILE AND SIZE | 1.1 | 14.12.2018 |



EPS PACKER

PRE-FINISHED PARAPET CAP
FLASHING NO FIXINGS ON TOP
OF FLASHING

PRE-FINISHED SCREW
WITH RUBBER WASHER

STRUCTURE BY OTHERS

ø5mm RIVETS @ 300mm CRS

VAPOUR RESISTANT MASTIC SEALANT

METALCRAFT
THERMOPANEL EPS

5.00°

100mm MIN.

100mm MIN.

METALCRAFT
THERMOPANEL EPS

Ø5mm RIVETS @ 300mm CRS

AIRSEAL ON BACKING ROD TO RUN
CONTINUOUSLY AROUND HEAD, SILL
AND JAMB

TEMPORARY PACKER IF REQUIRED,
REMOVED AFTER FIXING

WINDOW HEAD LINER

LINE OF WINDOW JAMB
LINER BEHIND

PRE-FINISHED WINDOW HEAD
FLASHING WITH 15° FALL

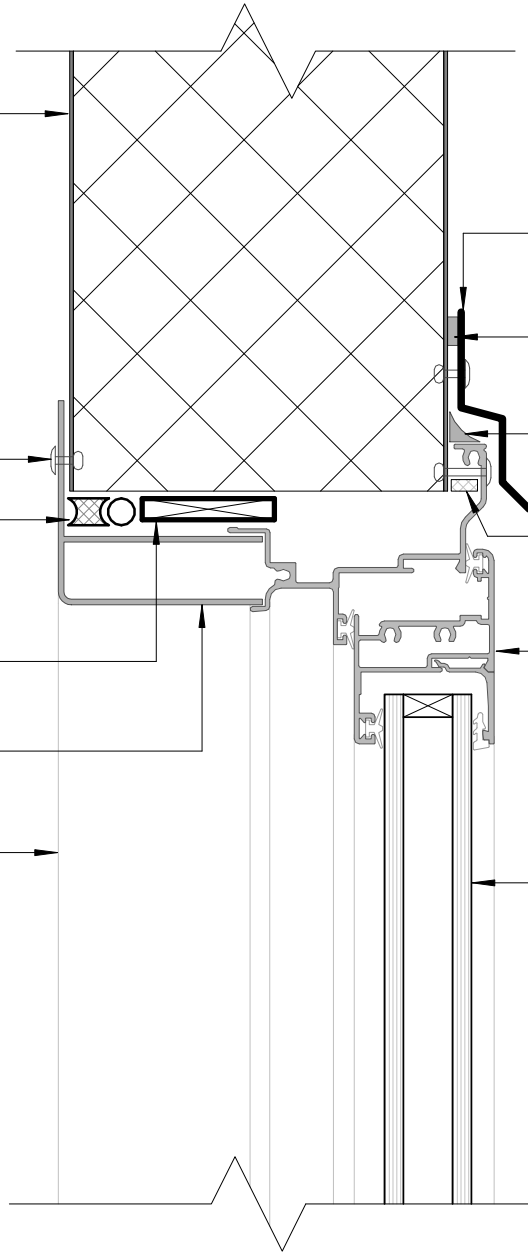
SILICON SEALANT

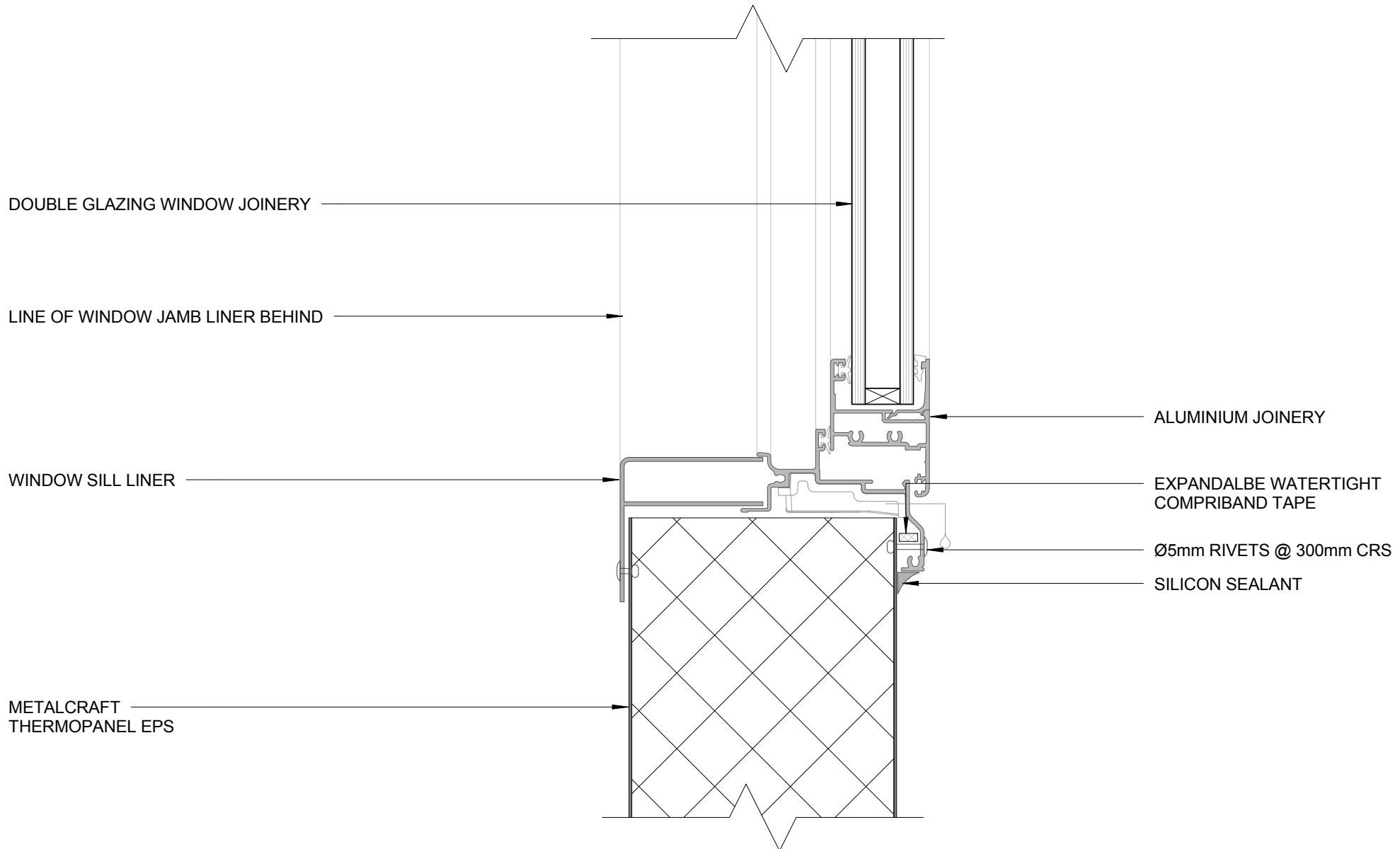
SILICON SEALANT

EXPANDALBE WATERTIGHT
COMPRIBAND TAPE

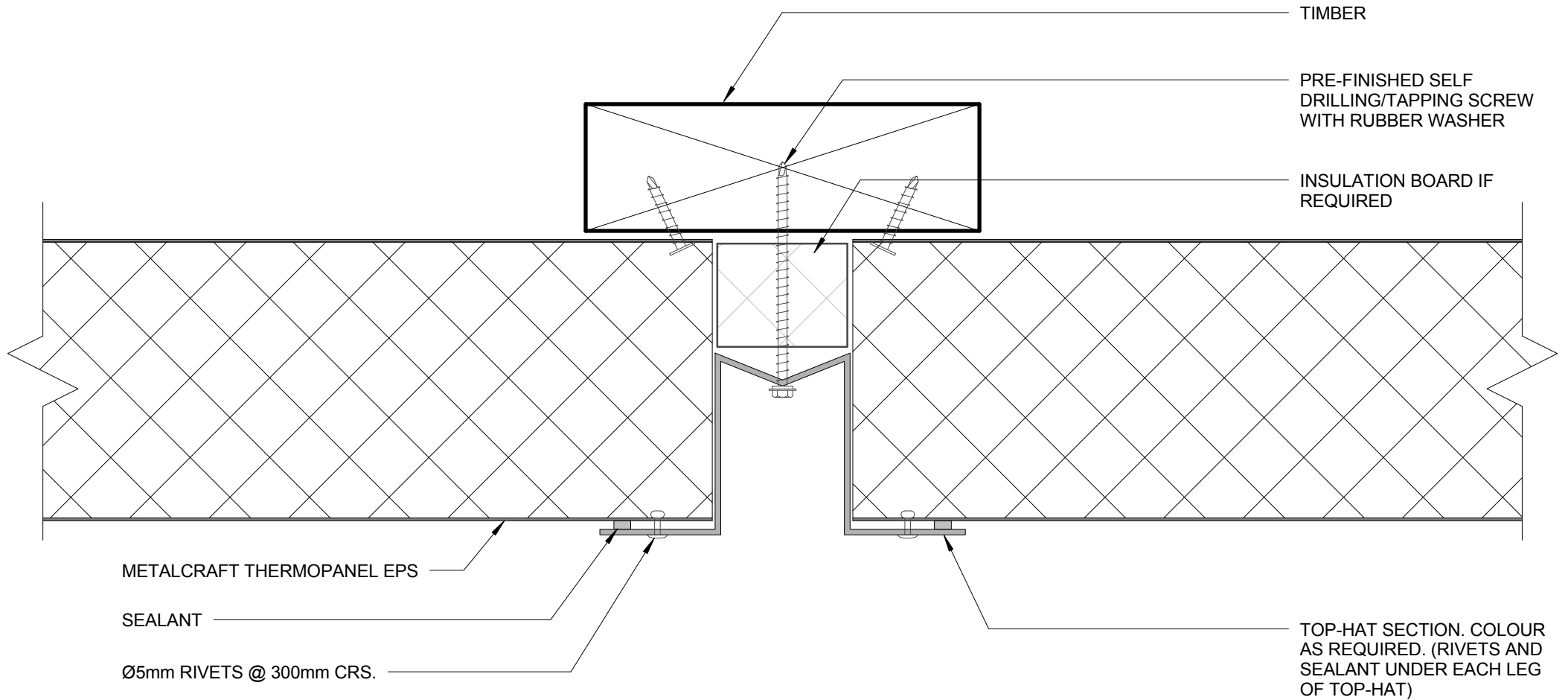
ALUMINIUM JOINERY

DOUBLE GLAZING WINDOW JOINERY

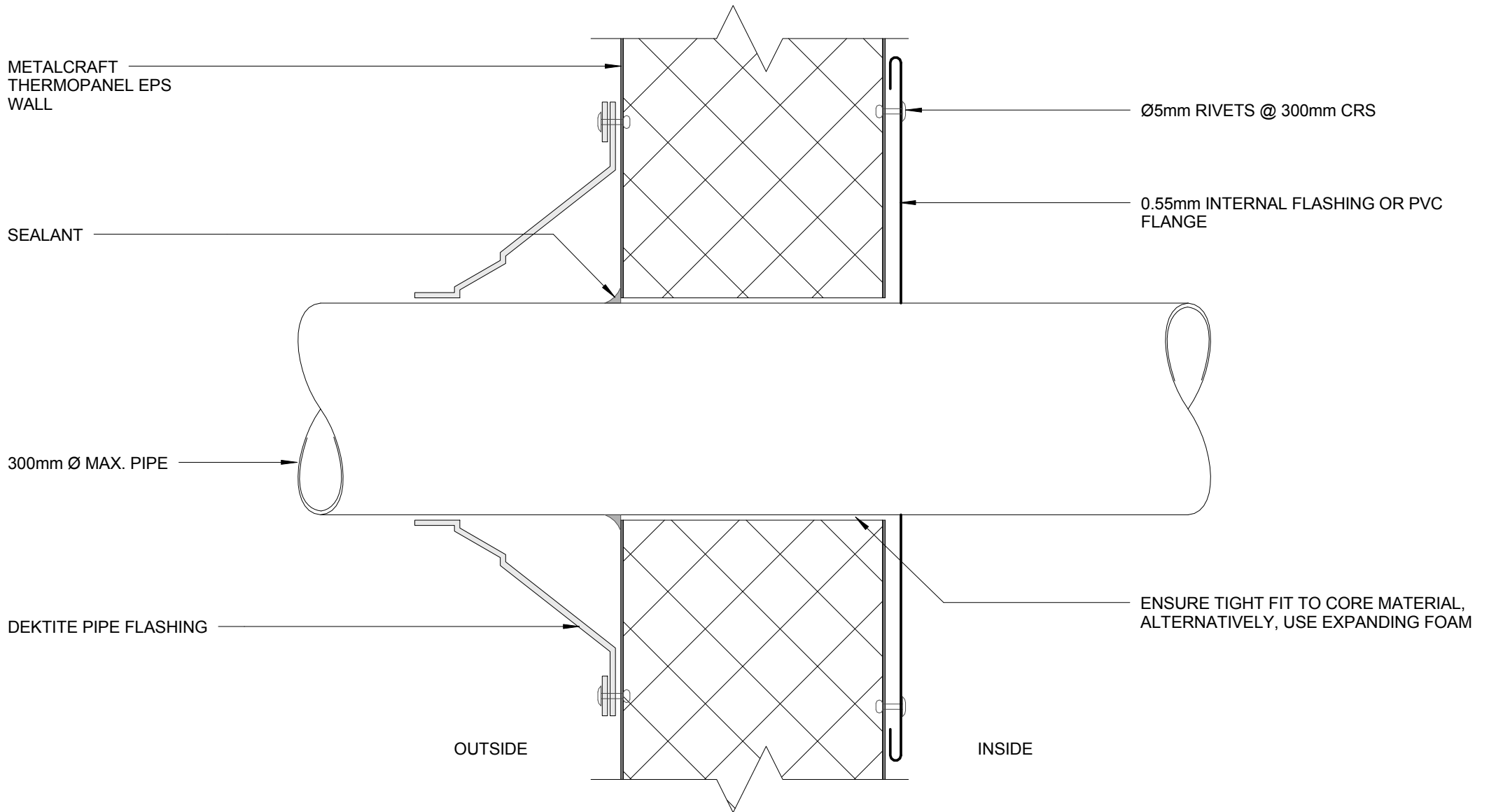




WINDOW SILL AND JAMB
EXTERNAL WALL DETAILS



VERTICAL JOINT TYPE C
EXTERNAL WALL DETAILS



METALCRAFT
THERMOPANEL EPS

0.55mm INTERNAL FLASHING OR PVC
FLANGE

SEALANT

Ø5mm RIVETS @ 300mm CRS

0.55mm INTERNAL FLASHING OR PVC
FLANGE

300mm Ø MAX. PIPE

SEALANT

ENSURE TIGHT FIT TO CORE MATERIAL,
ALTERNATIVELY, USE EXPANDING FOAM

SEALANT

OUTSIDE

INSIDE

PIPE PENETRATION w PVC FLANGE

Thermopanel EPS

Rev. 1.1

EXTERNAL WALL DETAILS

Reference TPWD

Date 14.12.2018

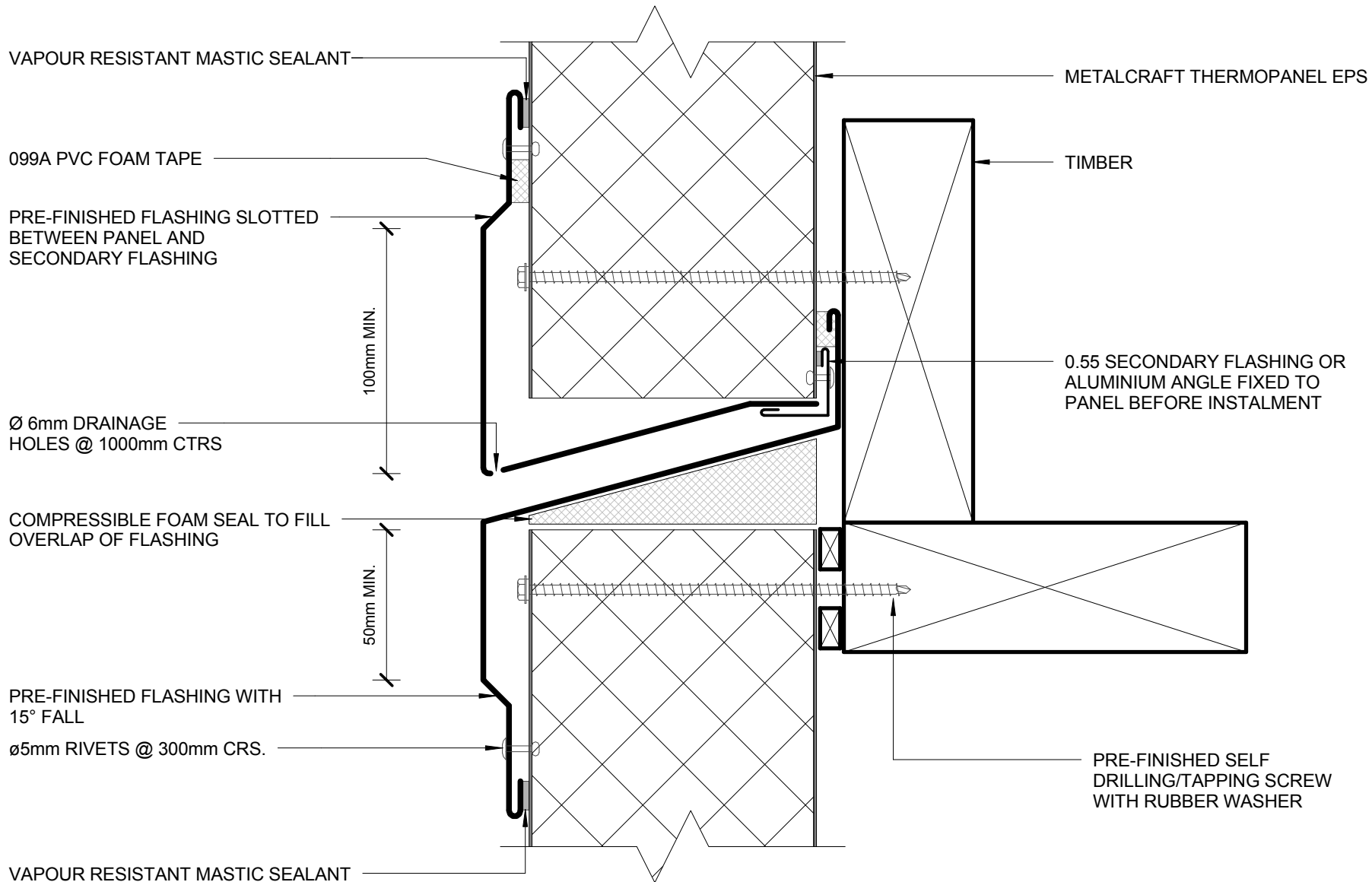
Scale 1 : 2

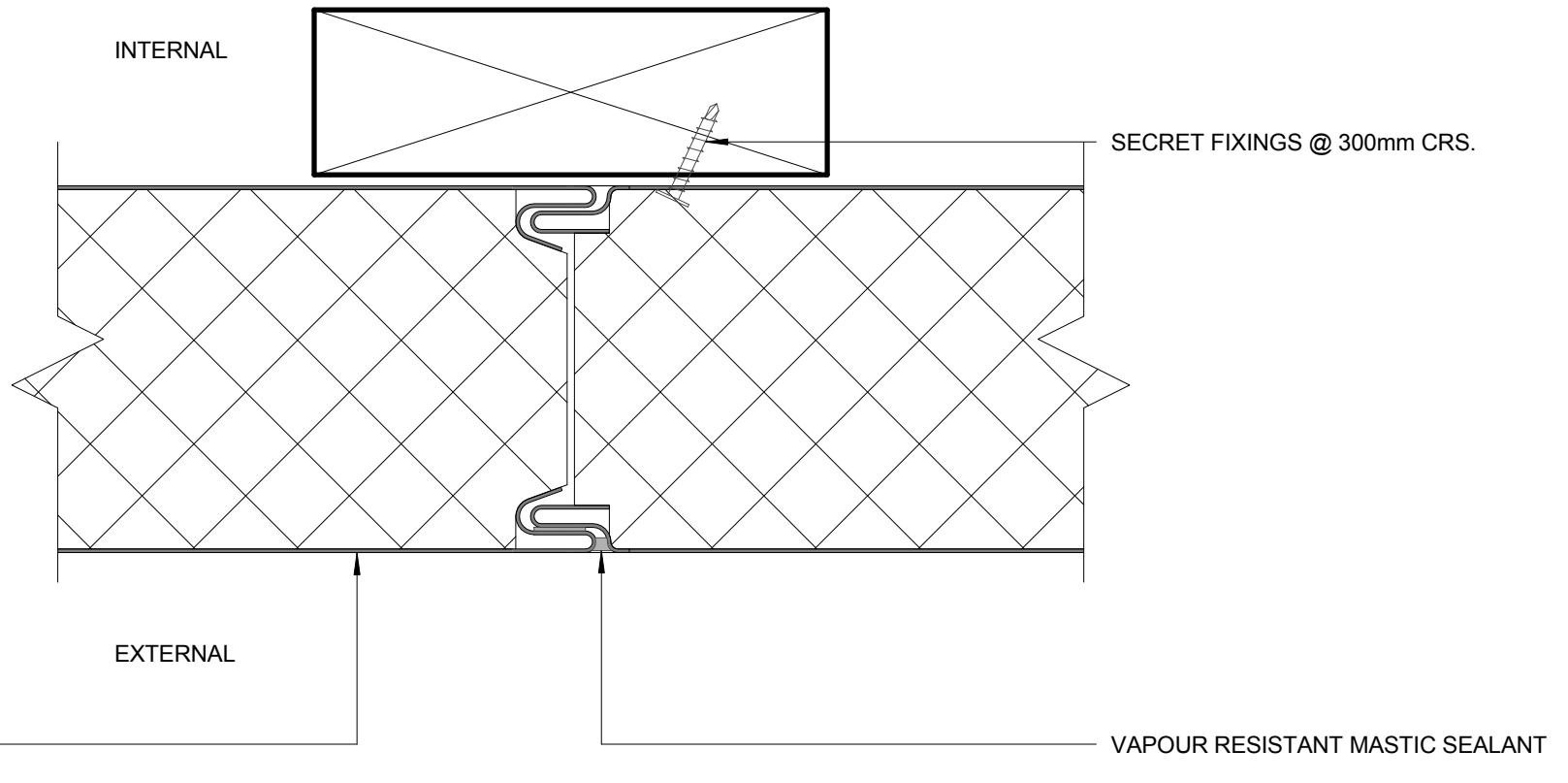
Sheet

06 / 21

Metalcraft
Insulated Panels

DISCLAIMER:
All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice version 3.0 / 2017, E2 and all other relevant building codes.
Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.





METALCRAFT
THERMOPANEL EPS

VAPOUR RESISTANT MASTIC SEALANT

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Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.

Thermopanel EPS

Rev. 1.1

Reference TPWD

Date 14.12.2018

SECRET FIXING JOINT 01
EXTERNAL WALL DETAILS

Scale 1 : 2

Sheet

08 / 21

PRE-FINISHED SELF DRILLING/TAPPING
SCREW WITH RUBBER WASHER

TIMBER

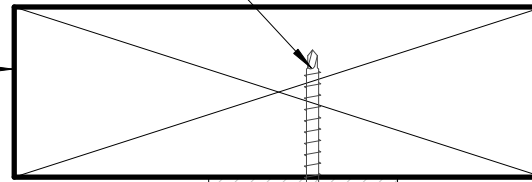
5mm ALUMINIUM
ANGLE CLEAT

ø5mm RIVETS

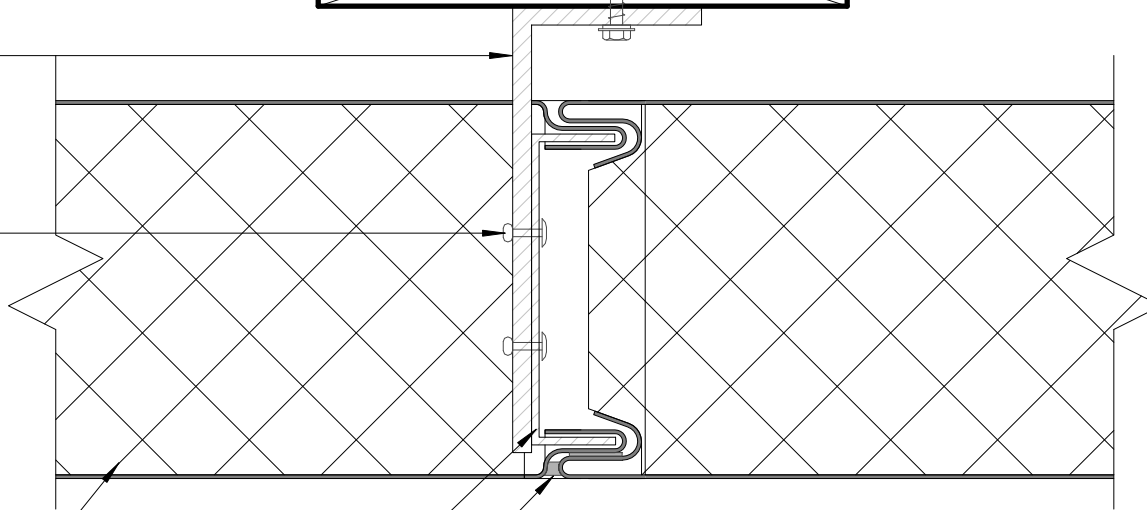
METALCRAFT
THERMOPANEL EPS

ALUMINIUM BASE
CAP 300mm LONG MIN

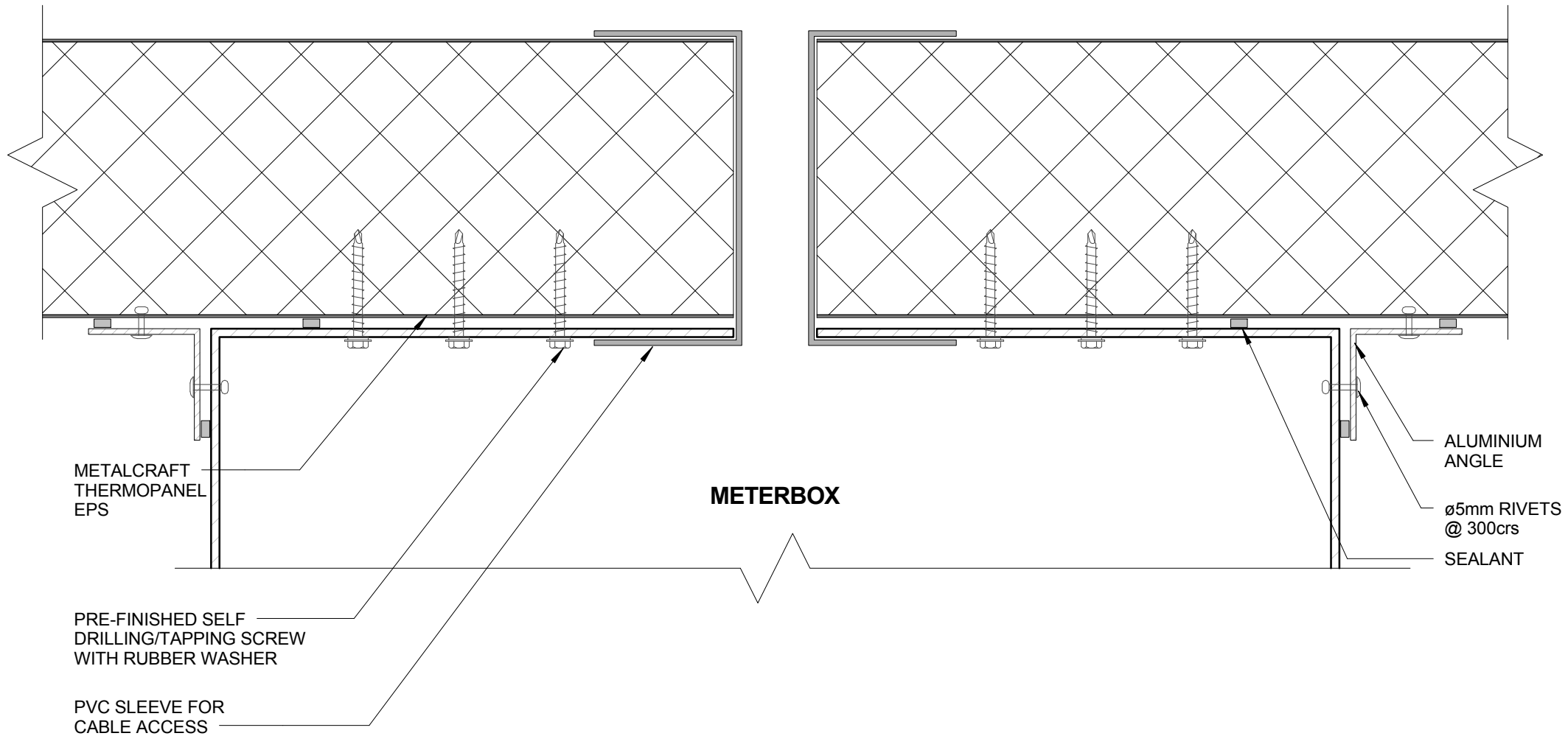
VAPOUR RESISTANT
MASTIC SEALANT



INTERNAL



EXTERNAL

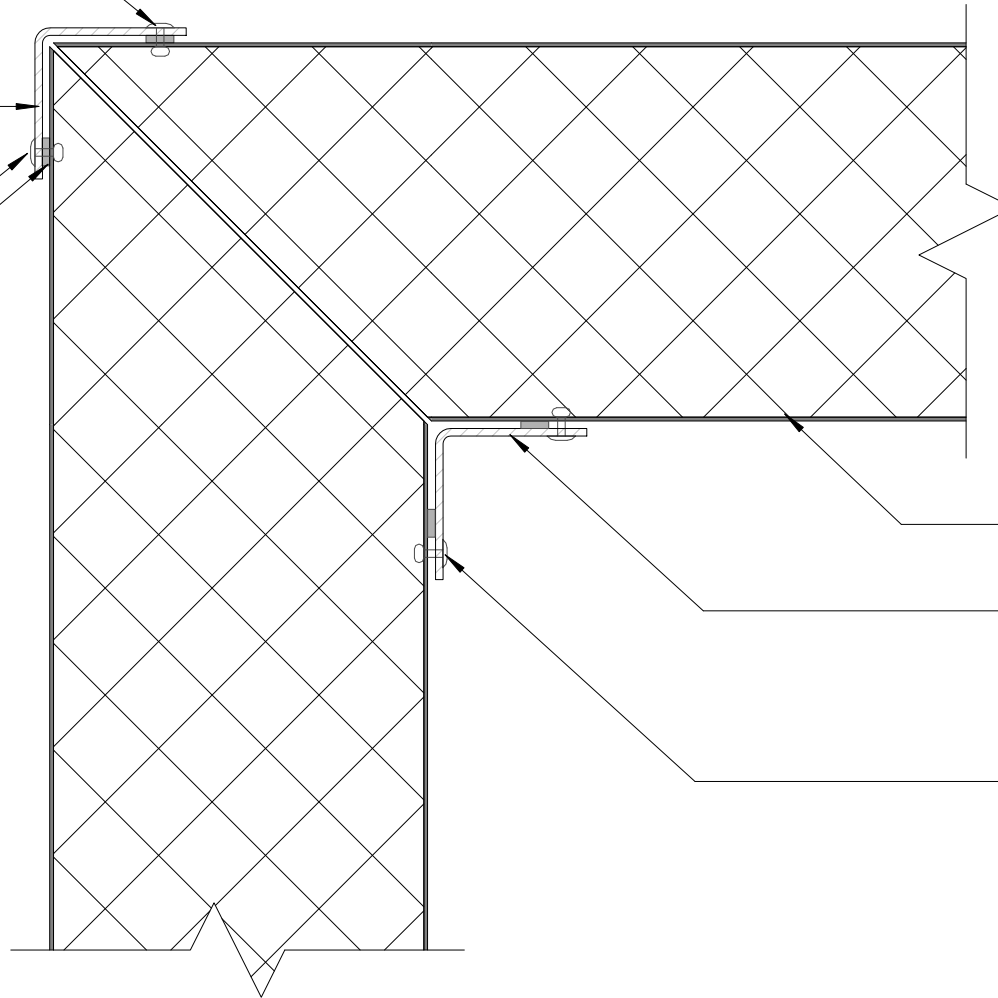


Ø5mm RIVETS @ 300mm CRS

40mm x 40mm 0.55mm MIN.
FOLDED ALUMINIUM
EXTERNAL ANGLE

Ø5mm RIVETS @ 300mm CRS.
WITH SEALANT

SEALANT



METALCRAFT THERMOPANEL
EPS

40mm x 40mm 0.55mm MIN.
FOLDED ALUMINIUM
INTERNAL ANGLE

Ø5mm RIVETS @ 300mm CRS.

NOTE:
ALUMINIUM ANGLES CAN BE
REPLACED WITH STEEL

Metalcraft
Insulated Panels

DISCLAIMER:
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Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.

INTERNAL/EXTERNAL CORNER DETAIL

Thermopanel EPS

Rev. 1.1

EXTERNAL WALL DETAILS

Reference TPWD

Date 14.12.2018

Scale 1 : 2

Sheet

11 / 21

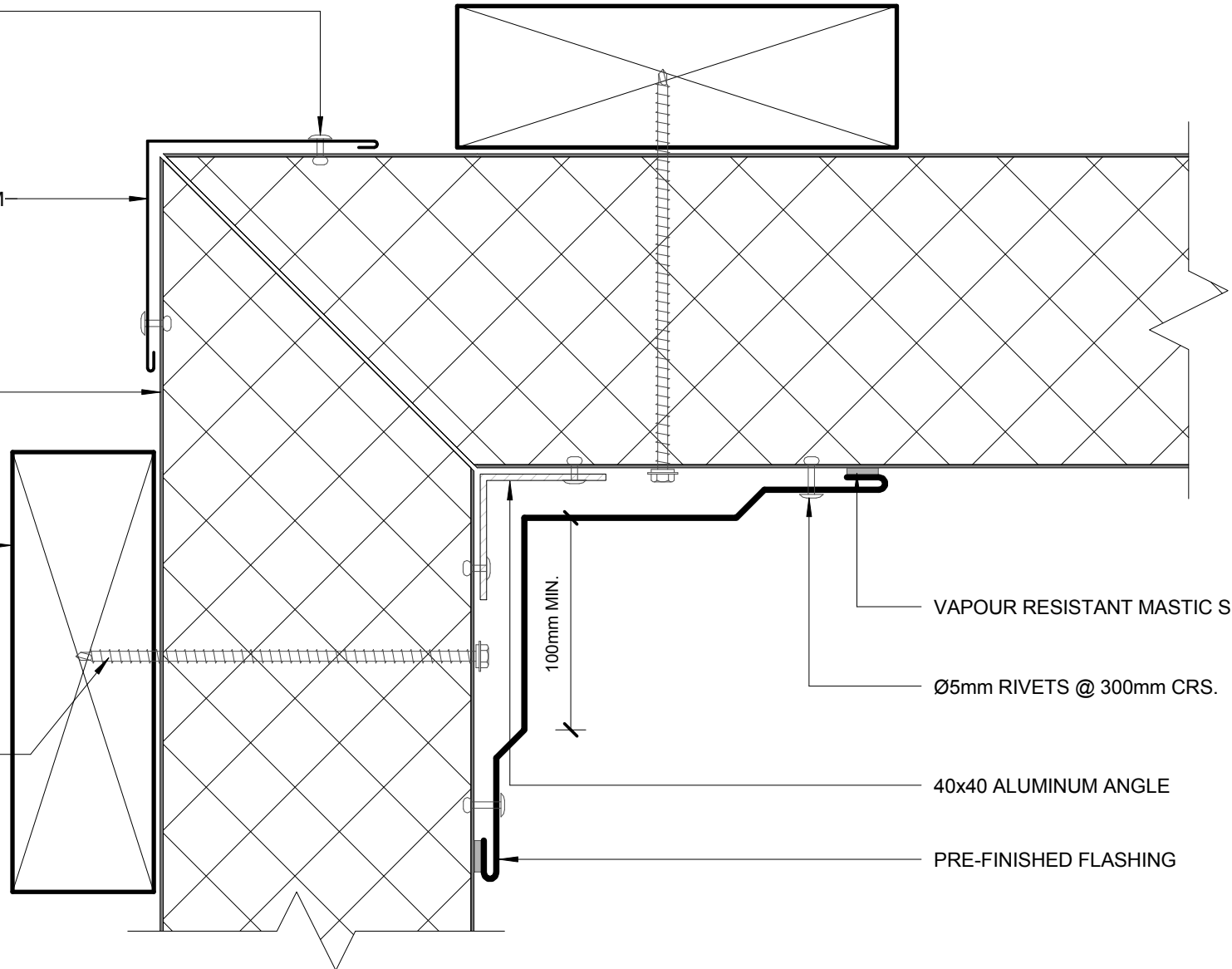
Ø5mm RIVETS @ 300mm CRS

0.55 SECONDARY FLASHING OR ALUMINUM ANGLE

METALCRAFT THERMOPANEL EPS

TIMBER

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER



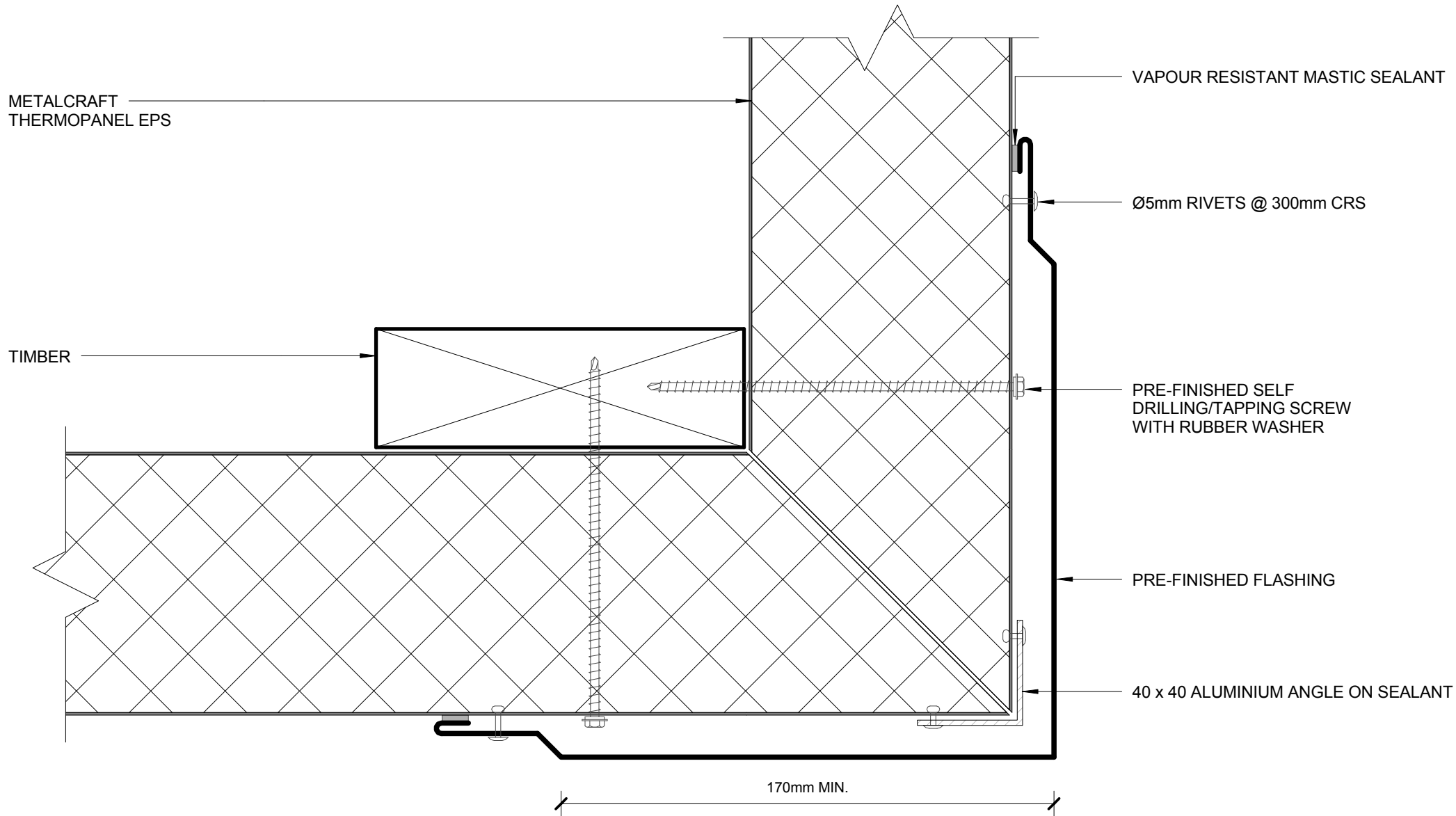
VAPOUR RESISTANT MASTIC SEALANT

Ø5mm RIVETS @ 300mm CRS.

40x40 ALUMINUM ANGLE

PRE-FINISHED FLASHING

100mm MIN.



METALCRAFT
THERMOPANEL EPS

TIMBER

VAPOUR RESISTANT MASTIC SEALANT

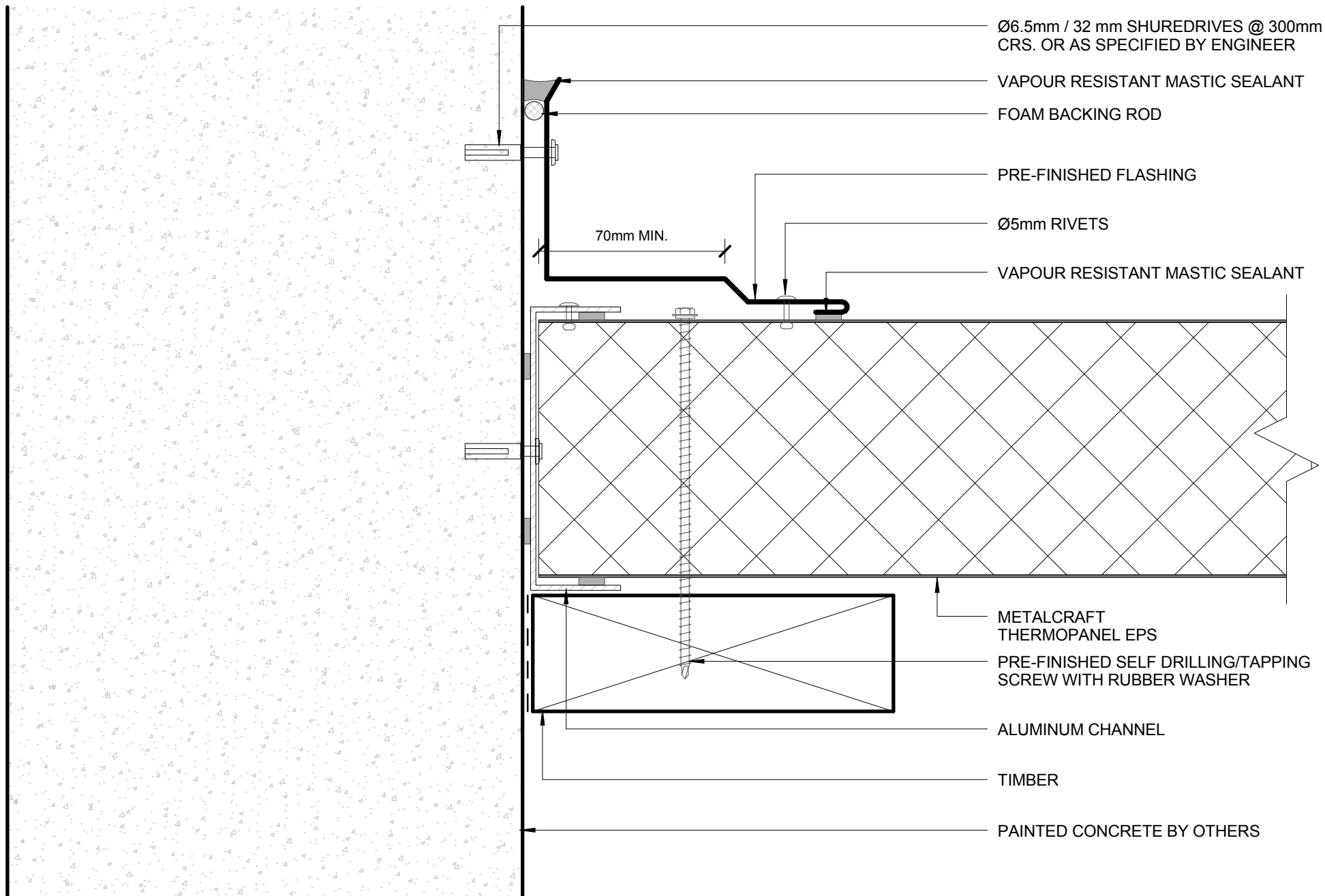
Ø5mm RIVETS @ 300mm CRS

PRE-FINISHED SELF
DRILLING/TAPPING SCREW
WITH RUBBER WASHER

PRE-FINISHED FLASHING

40 x 40 ALUMINIUM ANGLE ON SEALANT

170mm MIN.



Ø6.5mm / 32 mm SHUREDRIVES @ 300mm CRS. OR AS SPECIFIED BY ENGINEER

VAPOUR RESISTANT MASTIC SEALANT

FOAM BACKING ROD

PRE-FINISHED FLASHING

Ø5mm RIVETS

VAPOUR RESISTANT MASTIC SEALANT

70mm MIN.

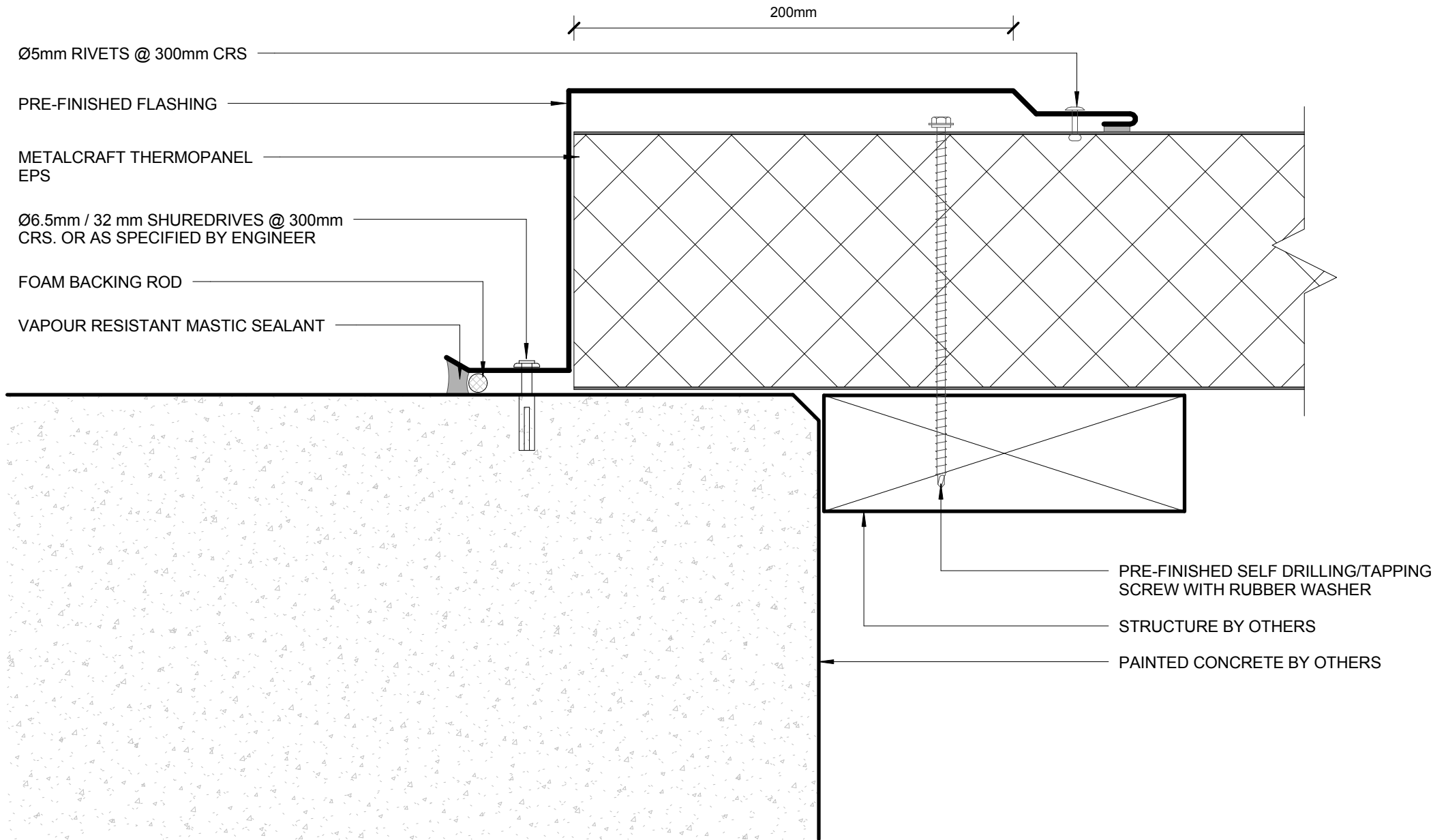
METALCRAFT THERMOPANEL EPS

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

ALUMINUM CHANNEL

TIMBER

PAINTED CONCRETE BY OTHERS



Ø5mm RIVETS @ 300mm CRS

PRE-FINISHED FLASHING

METALCRAFT THERMOPANEL
EPS

Ø6.5mm / 32 mm SHUREDRIVES @ 300mm
CRS. OR AS SPECIFIED BY ENGINEER

FOAM BACKING ROD

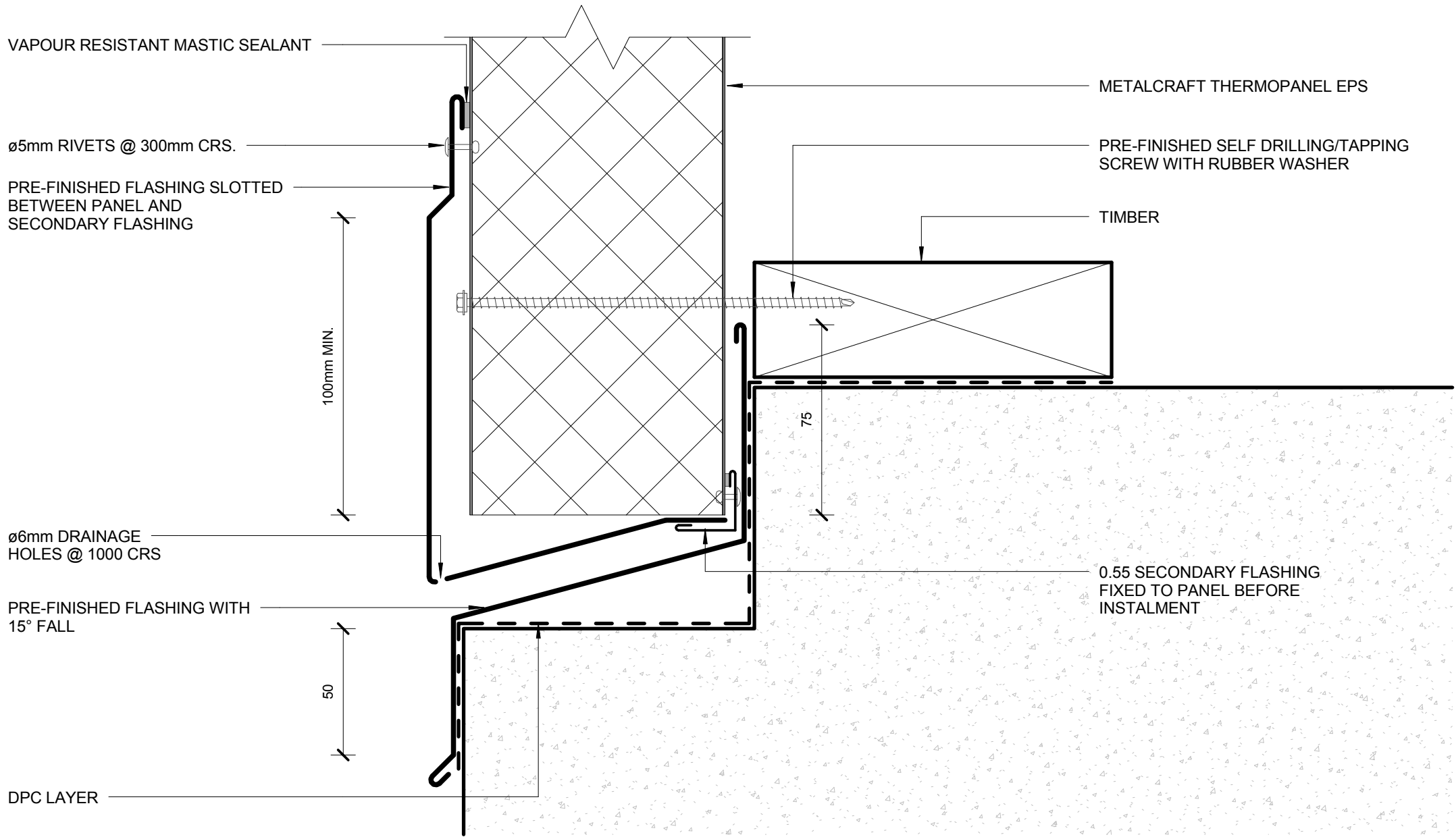
VAPOUR RESISTANT MASTIC SEALANT

200mm

PRE-FINISHED SELF DRILLING/TAPPING
SCREW WITH RUBBER WASHER

STRUCTURE BY OTHERS

PAINTED CONCRETE BY OTHERS



VAPOUR RESISTANT MASTIC SEALANT

$\phi 5\text{mm}$ RIVETS @ 300mm CRS.

PRE-FINISHED FLASHING SLOTTED BETWEEN PANEL AND SECONDARY FLASHING

100mm MIN.

$\phi 6\text{mm}$ DRAINAGE HOLES @ 1000 CRS

PRE-FINISHED FLASHING WITH 15° FALL

50

DPC LAYER

METALCRAFT THERMOPANEL EPS

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

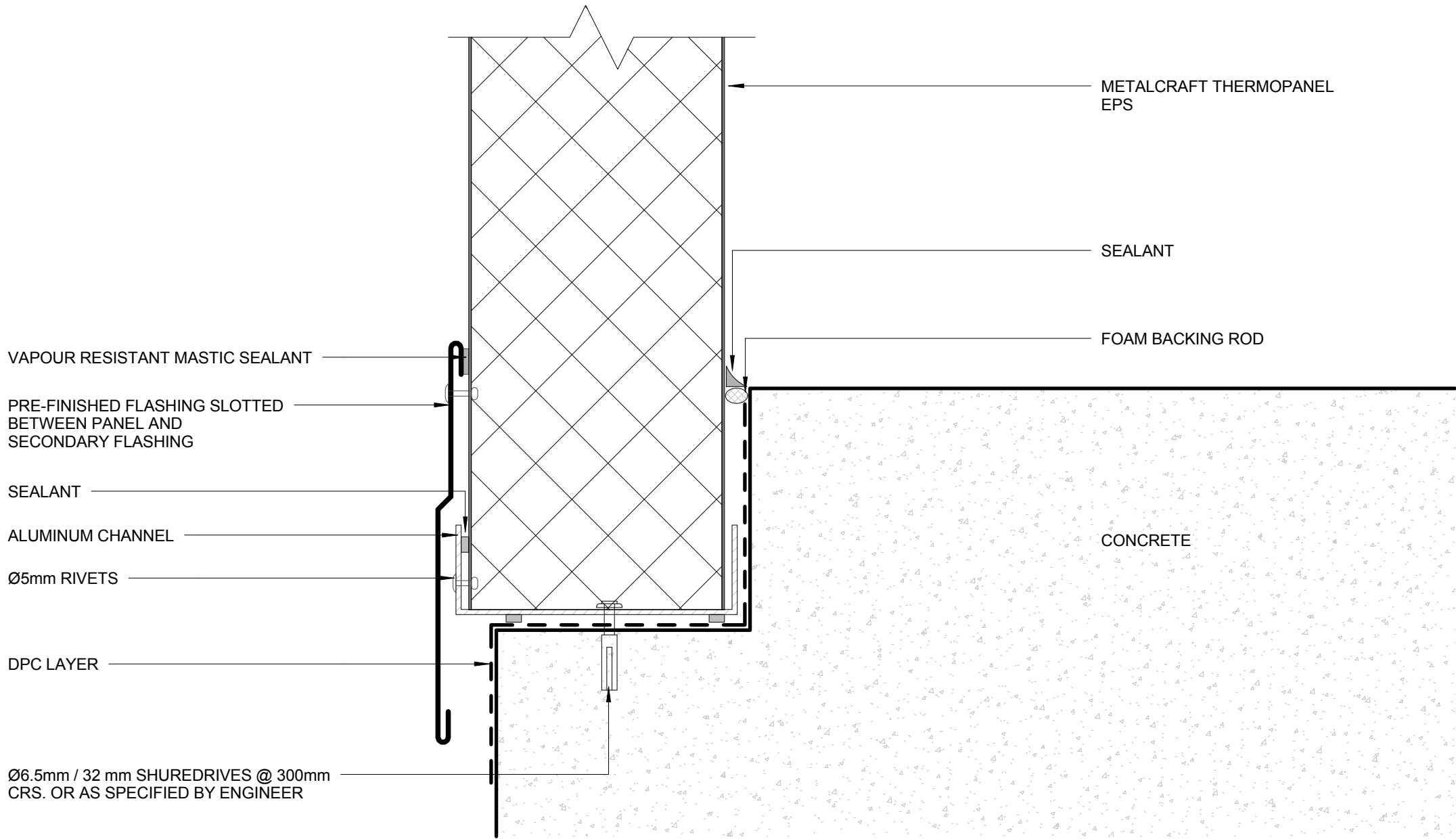
TIMBER

75

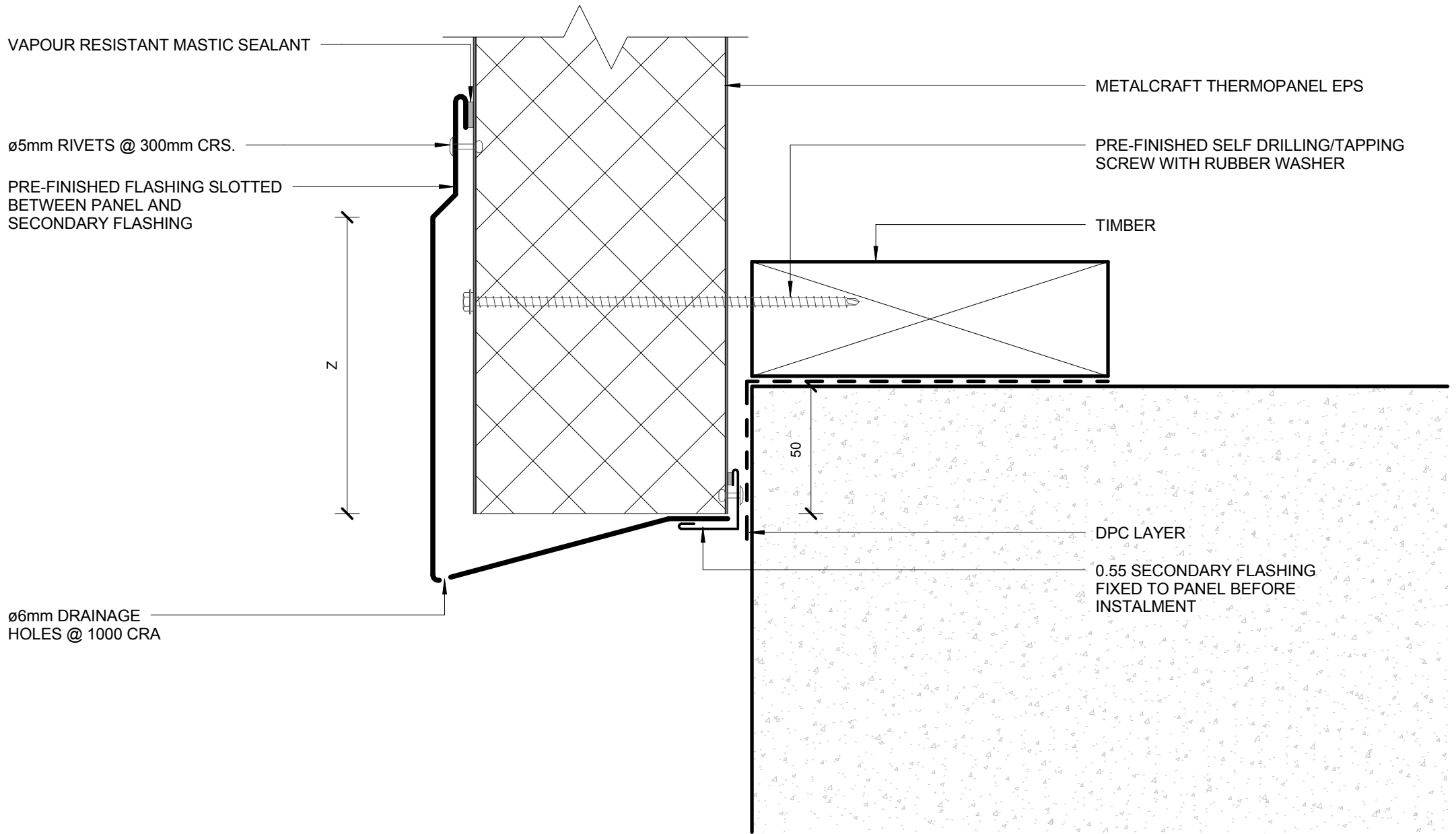
0.55 SECONDARY FLASHING FIXED TO PANEL BEFORE INSTALMENT

BOTTOM OF CLADDING 01

EXTERNAL WALL DETAILS



BOTTOM OF CLADDING 02
EXTERNAL WALL DETAILS



VAPOUR RESISTANT MASTIC SEALANT

$\phi 5\text{mm}$ RIVETS @ 300mm CRS.

PRE-FINISHED FLASHING SLOTTED BETWEEN PANEL AND SECONDARY FLASHING

Z

$\phi 6\text{mm}$ DRAINAGE HOLES @ 1000 CRA

METALCRAFT THERMOPANEL EPS

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

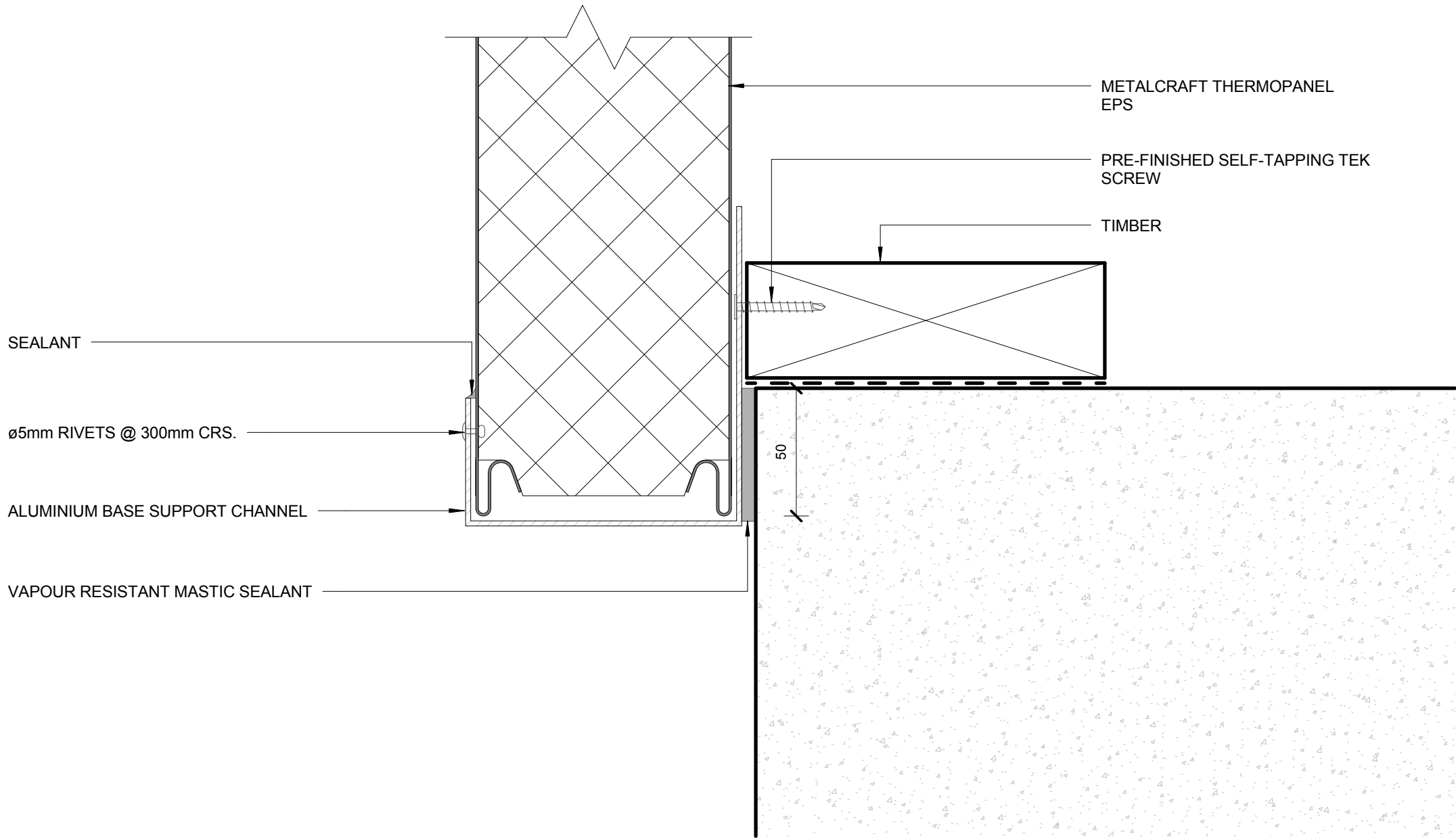
TIMBER

50

DPC LAYER

0.55 SECONDARY FLASHING FIXED TO PANEL BEFORE INSTALMENT

BOTTOM OF CLADDING 03
EXTERNAL WALL DETAILS



SEALANT

Ø5mm RIVETS @ 300mm CRS.

ALUMINIUM BASE SUPPORT CHANNEL

VAPOUR RESISTANT MASTIC SEALANT

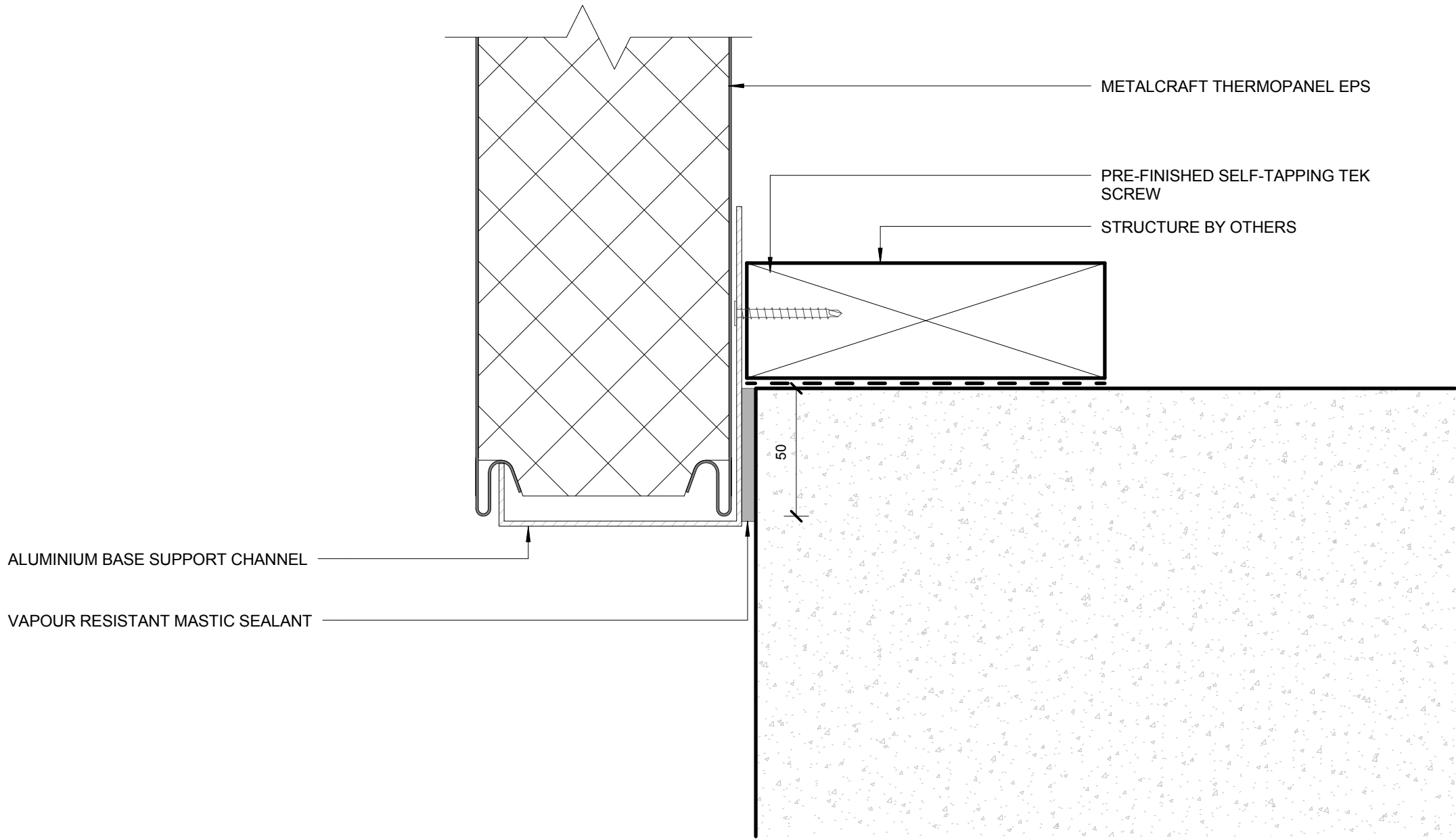
METALCRAFT THERMOPANEL
EPS

PRE-FINISHED SELF-TAPPING TEK
SCREW

TIMBER

50

BOTTOM OF CLADDING 04
EXTERNAL WALL DETAILS



ALUMINIUM BASE SUPPORT CHANNEL

VAPOUR RESISTANT MASTIC SEALANT

METALCRAFT THERMOPANEL EPS

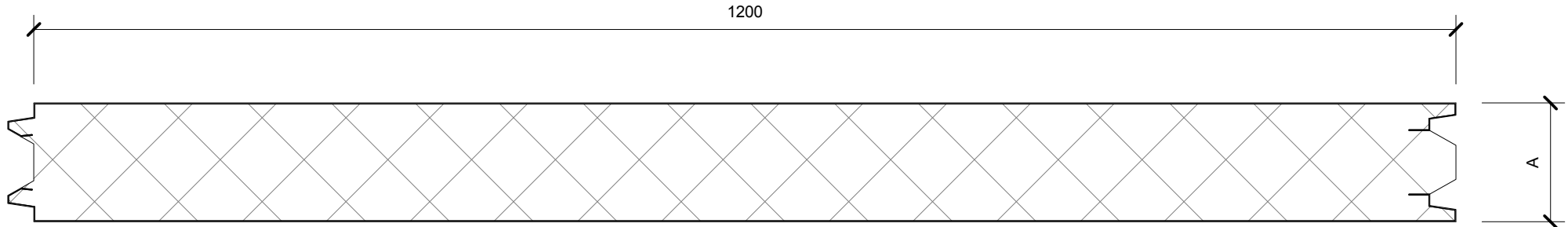
PRE-FINISHED SELF-TAPPING TEK SCREW

STRUCTURE BY OTHERS

50

BOTTOM OF CLADDING 05
EXTERNAL WALL DETAILS

THERMOPANEL EPS



FLAT FINISH - AVAILABLE BOTH SIDES

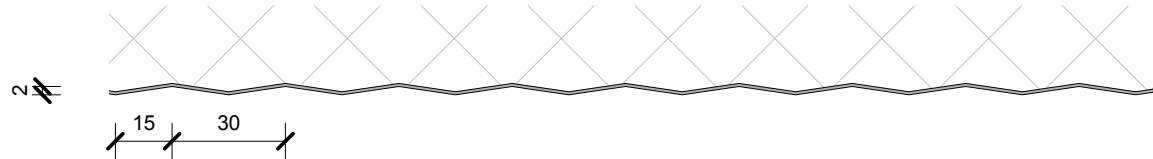
SCALE @ 1:5

A= 50, 75, 100, 125,
150, 200, 250mm

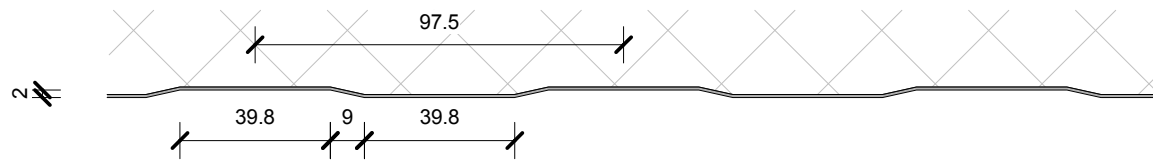
INTERNAL LINER FINISHES

SCALE @ 1:2

SILKLINE FINISH
- ONE SIDE ONLY



MESA FINISH
- ONE SIDE ONLY



RIBBED FINISH
- AVAILABLE BOTH SIDES

