# Thermopanel EPS

## EXTERNAL WALL DETAILS

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<th>DETAIL LIST</th>
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Metalcraft Thermopanel EPS

Ø5mm Rivets @ 300mm CRS.

Pre-Finished Self Drilling/Tapping Screw with Rubber Washer

Insulation Board if Required

Top-Hat Section. Colour as required. (Rivets and Sealant under each leg of Top-Hat)

Timber

 SEALANT

Metalcraft Thermopanel EPS

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Thermopanel EPS

Rev. 2.0

Reference TPWD

Date 14.12.2018

Scale 1 : 2

Sheet 04 / 21
PIPE PENETRATION w DEKTITE FLASHING

- METALCRAFT THERMOPANEL EPS WALL
- Ø5mm RIVETS @ 300mm CRS
- 0.55mm INTERNAL FLASHING OR PVC FLANGE
- ENSURE TIGHT FIT TO CORE MATERIAL, ALTERNATIVELY, USE EXPANDING FOAM
- SEALANT
- 300mm Ø MAX. PIPE
- DEKTITE PIPE FLASHING

EXTERNAL WALL DETAILS

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METALCRAFT THERMOPANEL EPS

0.55mm INTERNAL FLASHING OR PVC FLANGE

0.55mm INTERNAL FLASHING OR PVC FLANGE

300mm Ø MAX. PIPE

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

INSIDE

OUTSIDE

0.55mm INTERNAL FLASHING OR PVC FLANGE

300mm Ø MAX. PIPE

SEALANT

SEALANT

SEALANT

SEALANT

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VAPOUR RESISTANT MASTIC SEALANT

099A PVC FOAM TAPE

PRE-FINISHED FLASHING SLOTTED BETWEEN PANEL AND SECONDARY FLASHING

Ø 6mm DRAINAGE HOLES @ 1000mm CTRS

COMPRESSIBLE FOAM SEAL TO FILL OVERLAP OF FLASHING

PRE-FINISHED FLASHING WITH 15° FALL ø5mm RIVETS @ 300mm CRS.

VAPOUR RESISTANT MASTIC SEALANT

METALCRAFT THERMOPANEL EPS

0.55 SECONDARY FLASHING OR ALUMINIUM ANGLE FIXED TO PANEL BEFORE INSTALMENT

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

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SECRET FIXINGS @ 300mm CRS.

EXTERNAL WALL DETAILS

METALCRAFT THERMOPANEL EPS

SECRET FIXING JOINT 01

INTERNAL

EXTERNAL

VAPOUR RESISTANT MASTIC SEALANT

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METALCRAFT THERMOPANEL EPS
VAPOUR RESISTANT MASTIC SEALANT

EXTERNAL WALL DETAILS

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

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**METERBOX JAMB HEAD AND SILL DETAIL**

- **Metalcraft Thermopanel EPS**
- **Aluminium Angle**
- ø5mm Rivets @ 300crs
- Sealant
- PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER
- PVC SLEEVE FOR CABLE ACCESS
METALCRAFT THERMOPANEL EPS

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

Ø5mm RIVETS @ 300mm CRS.

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

外部角部详图

内部角部详图

NOTE:
ALUMINIUM ANGLES CAN BE REPLACED WITH STEEL

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**METALCRAFT**
**THERMOPANEL EPS**

**Ø5mm RIVETS @ 300mm CRS**

**0.55 SECONDARY FLASHING OR ALUMINUM ANGLE**

**TIMBER**

**METALCRAFT THERMOPANEL EPS**

**PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER**

**VAPOUR RESISTANT MASTIC SEALANT**

**100mm MIN.**

**40x40 ALUMINUM ANGLE**

**PRE-FINISHED FLASHING**

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**Metalcraft Insulated Panels**

**ALTERNATIVE INTERNAL CORNER**

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**Thermopanel EPS**

**Reference TPWD**

**Date 14.12.2018**

**Scale 1 : 2**

**Sheet 12 / 21**
METALCRAFT
THERMOPANEL EPS

VAPOUR RESISTANT MASTIC SEALANT

Ø5mm RIVETS @ 300mm CRS

TIMBER

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

PRE-FINISHED FLASHING

40 x 40 ALUMINIUM ANGLE ON SEALANT

170mm MIN.

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**VAPOUR RESISTANT MASTIC SEALANT**

**ø5mm RIVETS @ 300mm CRS.**

**PRE-FINISHED FLASHING SLOTTED BETWEEN PANEL AND SECONDARY FLASHING**

**ø6mm DRAINAGE HOLES @ 1000 CRS**

**PRE-FINISHED FLASHING WITH 15° FALL**

**DPC LAYER**

**METALCRAFT THERMOPANEL EPS**

**PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER**

**TIMBER**

**0.55 SECONDARY FLASHING FIXED TO PANEL BEFORE INSTALMENT**

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METALCRAFT THERMOPANEL EPS

VAPOUR RESISTANT MASTIC SEALANT

PRE-FINISHED FLASHING SLOTTED BETWEEN PANEL AND SECONDARY FLASHING

SEALANT

ALUMINUM CHANNEL

Ø5mm RIVETS

DPC LAYER

FOAM BACKING ROD

CONCRETE

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

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VAPOUR RESISTANT MASTIC SEALANT

Ø5mm RIVETS @ 300mm CRS.

PRE-FINISHED FLASHING SLOTTED BETWEEN PANEL AND SECONDARY FLASHING

Ø6mm DRAINAGE HOLES @ 1000 CRA

METALCRAFT THERMOPANEL EPS

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

TIMBER

DPC LAYER

0.55 SECONDARY FLASHING FIXED TO PANEL BEFORE INSTALMENT

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METALCRAFT THERMOPANEL
EPS

PRE-FINISHED SELF-TAPPING TEK
SCREW

TIMBER

50

SEALANT

Ø5mm RIVETS @ 300mm CRS.

ALUMINIUM BASE SUPPORT CHANNEL

VAPOUR RESISTANT MASTIC SEALANT

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METALCRAFT THERMOPANEL EPS

PRE-FINISHED SELF-TAPPING TEK SCREW

ALUMINIUM BASE SUPPORT CHANNEL

VAPOUR RESISTANT MASTIC SEALANT
INTERNAL LINER FINISHES

SILKLINE FINISH
- ONE SIDE ONLY

MESAFINISH
- ONE SIDE ONLY

RIBBED FINISH
- AVAILABLE BOTH SIDES

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