



- KS1000 Optimo / LPCB Insulated wall panel vertically laid
- Site applied LPCB certified PIR insulation board any gaps filled with fire rated canister insulation
- Air seal - 6mm bead of gun grade sealant
- Weather seal - 6mm bead of gun grade sealant
- Gun grade sealant to panel joint inline with internal air seal
- Self-drilling self-tapping primary fixings with minimum 16mm diameter non-ferrous EPDM backed washer
- Turn up external weather sheet at ridge, when roof pitch is below 4 degrees after deflection
- Apron flashing, fixed to apex dam, with 150mm sealed overlaps or butt straps, bedded on gun grade sealant
- Self-drilling self-tapping primary fixings with minimum 16mm diameter non-ferrous EPDM backed washer
- Apex dam (ref.LP1) bedded on 2 runs of gun grade sealant
- Stitching screws with minimum 14mm diameter non ferrous EPDM backed washer fitted at maximum 450mm centres
- Profiled filler sealed top & bottom with gun grade sealant (Profiled filler set back 80-100mm)
- KS1000 LP / LPCB Insulated roof panel
- Gun grade sealant to panel joint inline with internal air seal
- Air seal - 8mm diameter bead of gun grade sealant
- Internal flashing with 150mm overlap sealed with film backed butyl tape or gun grade sealant
- Site applied LPCB certified PIR insulation board any gaps filled with fire rated canister insulation
- Kingspan multibeam purlin

Notes:

Rev	Description	Chkd	Date
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**Insulated Roof & Wall Panels**

**envirocare<sup>®</sup>**

**TECHNICAL SERVICES**

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Client

Project

Drawing

KS1000 LP, Lean to Roof Vertical AWP

Status

Drawn by	Checked by	Date
JP	AP	08/11/17

Drawing Number	Revision
LP15012	A

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