

H31 METAL PROFILED / FLAT SHEET CLADDING / COVERING

120 INSULATED METAL ROOF CLADDING

ISOCLAD COMPOSITE STANDING SEAM ROOF 'CAP ROOF' PANELS

Lightweight insulating panels designed for use as roof covering on most types of building applications.
Minimum roof slope 4°

- **Drawing reference(s)** _____
- **Supports:** Steel purlins or roofsteels
- **Bearing width:**mm (50mm minimum)
- **Pitch:** As detailed on drawings (4° min)
- **Panels:Manufacturer & Reference:**
Isoclad Limited, 10 Alder Road, West Chirton North Industrial Estate, North Shields,
Tyne & Wear, NE29 8SD, U.K
- **External Facing Material:**
Hot Dipped Galvanised Steel (Thickness 0.5, 0.55, 0.6, 0.7mm)
Mill finished Aluminium (Thickness 0.6mm)
- **Finish Colour (For Steel Faced Panels):**
Steel Coated PVF2 (Full Colour Range), Thickness 27 Microns
HP200 Smooth Leathergrain (Full Colour Range), Thickness 200 Microns
- **Internal Facing Material:**
Hot Dipped Galvanised Steel (Thickness 0.4, 0.5, 0.55mm)
- **Finish Colour (For Steel Faced Panels):**
PVC Laminate: Foodsafe Finish, Colour White, thickness 120 Microns
Polyester Foodsafe Finish, Colour White, thickness 27 Microns
Grey Primer – Non Visible Faces
- **Core Insulating Materials:**
EPS Expanded Polystyrene (FRA = Fire Retardant Additive)
Styrofoam: Extruded Polystyrene
P.U: Polyurethane
PIR: Polyisocyanurate
EPS Firestop: Expanded Polystyrene With Mineral Fibre Edges
Mineral Fibre (*non combustible*)
- **Panel Thickness:** 50mm up to 300mm to suit required U values
- **End laps:** 150mm
- **End lap sealant:** 2 runs of 20mm x 3mm thick butyl mastic tape
- **Joint type:** externally longitudinal joints between panels will incorporate vertical standing seam with rollformed batten cap incorporating weather seal fixed to panel support clip.
- Internally, longitudinal joints between panels will be the intaloc joint incorporating factory applied gasket.
- **Panel Width:** 1170mm
- **Accessories:** Panel fixing clips and all accessories as necessary to complete the installation as per the manufactures recommendations.
- **Primary Fixings:** self tapping and drilling screws stainless steel to Isoclad's recommendations.