

H31 METAL PROFILED / FLAT SHEET CLADDING / COVERING

120 METAL CLADDING – COMPOSITE CLADDING PANELS

ISOCLAD HORIZONTAL SECRET FIX CLADDING PANEL

Lightweight insulating panels designed for use as external wall coverings on most types of building applications.

- **Drawing reference(s)** _____
- **Supports:** Vertical steel supports, spacing to be determined by specialist sub-contractor
- **Bearing width:**mm (50mm minimum)
- **Pitch:** 90°
- **Panels:Manufacturer & Reference:** Isoclad Horizontal secret fix
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 0.55, 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 0.5, 0.55, 0.6mm)
- **Finish Colour (For Steel Faced Panels):**
PVC Laminate: Foodsafe Finish,- Colour White, Thickness 120 Microns
Polyester ,- 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
- **Panel width:** 900, 1000, 1190mm
- **Accessories:** matching flashings, 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, fixed through panel support clip.
- 2 No. fixings per clip typical fixed to vertical support member.
- **Special features:** horizontal panel joint complete with factory applied gasket.
- **Approvals:** Mineral Fibre: Loss Prevention Council Approved (LPS 1181, LPS 1208)
Factory Mutual Approved – Class 1
Polyisocyanurate: Loss Prevention Council Approved (LPS 1181, Grade B)
- **Fire Rating:** Mineral Fibre Panels 30, 60, 90, 120 and 240 mins, Class 0 surface to the building regs
- **Fixings & Sealants:** Refer To Isoclad Limited
- **Support Details And Fixing Details:** Refer To Isoclad Limited