

HADLEY SECTIONS & PROFILES



HADLEY
GROUP

SECTIONS & PROFILES

HI30

BOX PROFILE
CLADDING
SYSTEM

USAGE:

- Roofing
- Walls
- Industrial Buildings
- Warehousing

ADVANTAGES:

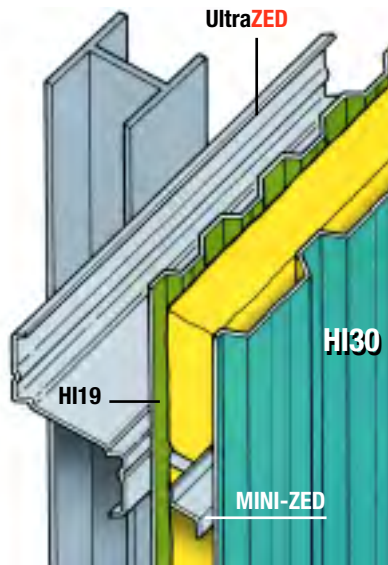
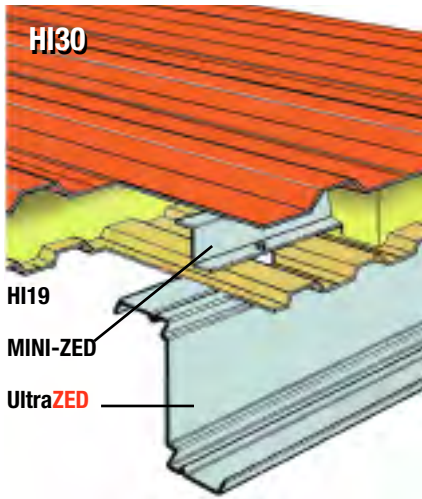
- Ease of Erection
- Low Maintenance
- Good Range of Flashings
- Coated both Sides for Added Protection
- Aesthetically Pleasing

A complete roof and wall system with a white polyester coated internal steel panel.

Utilising the latest coil-fed manufacturing plant enables us to supply sheets in any length from 4' 0" (1220mm) to 30' 0" (9144mm).

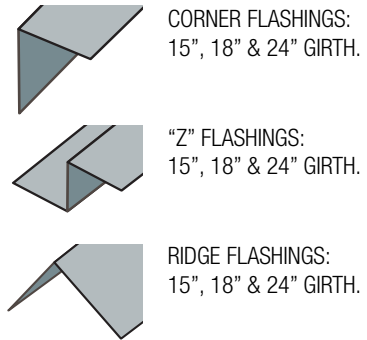


CONSTRUCTION
DATA SP01C



HI30

BOX PROFILE CLADDING SYSTEM



ROOF SYSTEM

A complete roof system constructed 'Over Purlin' with a white polyester coated internal steel panel fixed to the purlin. A nylon ferrule is used which acts as a cold bridge, combined with a Mini-Zed spacer, allowing mineral fibre quilt to be laid over the entire roof area. The system is complete when the outer sheet HI30 is fixed to the top flange of the spacer.

It can also be erected as an 'Under Purlin' system, where the liner is attached to the underside of the purlin, leaving a space for the thermal insulation either between the purlin or below it.

The external sheet is supplied in a range of colours with Plastisol, PVF2, polyester or Galvanised coating to suit every environment.

The unique 'UltraZED®' purlin depicted is manufactured by Structural Sections Limited who are a subsidiary of the Hadley Group. Due to its revolutionary design, UltraZED® has a higher strength to weight ratio than traditional purlin and side rails, hence is lighter and more cost effective, affording easier handling, transportation, storage and erection.

The roof and side rail systems include sleeved, double spanning butt jointed, non-continuous and overlap versions. Six section sizes are available, with 26 product combinations to suit all design criteria.

WALL SYSTEM

The HI19 profile has distinct advantage over other liner panels, as its symmetrical design allows both under and over purlin/rail applications, thus eliminating the need for reverse profile.

A complete wall system constructed 'Over rail' in the same manner as the roof construction, except that the outer sheeting is conventionally a 'Reversed' profile which laps differently to the roof profile in order to conceal the join. Here again, the system can be adapted to the 'Under rail' construction.

MINI-ZED

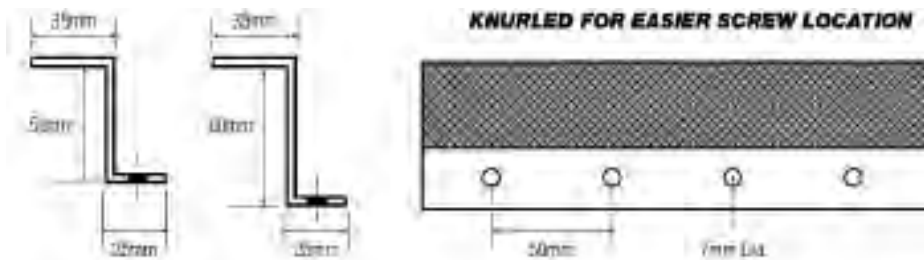
- Pre-drilled and ready to fix.
- Stock lengths 1,000mm - 3,000mm.
- Structural grade steel.
- Special lengths available to order.
- Compatible with most types of sheet.

FLASHINGS

All flashings are purpose made to customers specifications in a full range of colours and finishes in lengths of 3 metres.

It is advisable to specify welded edges for added rigidity as well as eliminating sharp edges, thus allowing easier on site handling.

Flashing should be securely fixed using stitcher screws, Bulb-Tite or Pop E.L.F rivets at maximum centres of 300mm at ridges and 400mm centres on roof slopes under 15°. 450mm centres over 15° vertical flashings should be fixed at a maximum of 450mm centres. For single span roof or wall construction, stitching should be maximum.

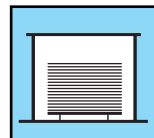


STORAGE

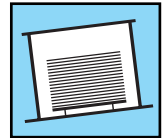
Always store sheets undercover. Never leave stacks exposed to the weather or in places where they might incur accidental damage.



If indoor storage facilities are not available, protect sheets with a tarpaulin or waterproof sheet supported on a scaffolding frame, being sure to leave sufficient room on all sides for air to circulate.



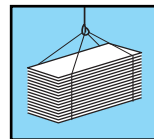
Store the sheet off the ground on timber bearers which should be spaced no more than 900mm (3'0") apart. Incline the stack so that any penetrating rain will drain off. Inspect the sheets at regular intervals to check for leaks in the covering.



Never slide sheets from the stacks as this may cause damage to the coating. Remove by 'turning' from the stack and lifting off.



Wherever possible lift sheets manually onto the roof. Where they have to be hoisted into position make sure the edges are protected and pressure across the sheet does not cause distortion. Use only ropes or slings for hoisting, never use chains.



Never store sheets where they may be walked on and wear only soft soled shoes with a firm grip when working on a roof.

