

HADLEY SECTIONS & PROFILES



**HADLEY**  
**GROUP**

SECTIONS & PROFILES

## **UltraSHEET™** CORRUGATED SHEETS

### **USAGE:**

- Utility Buildings
- Storage

### **ADVANTAGES:**

- Added Strength
- Low Maintenance
- Galvanised Polyester/Coated Plastisol

Sections & Profiles based at Smethwick in the West Midlands, has been the major supplier of corrugated steel sheets to the construction, building, M.O.D. and Civil engineering sectors for many years, as well as their traditional role of supplying the agricultural market.

As a member of The Hadley Group, a specialist engineering group renowned for the manufacture of roll formed products, customers benefit from a centralised research, development and production engineering facility.

Through a company policy of careful planning and sustained investment Sections & profiles are housed in their own purpose built premises, and backed with the latest sophisticated technology it enables them to offer a wealth of expertise along with both cost effectiveness and quality to their industry.

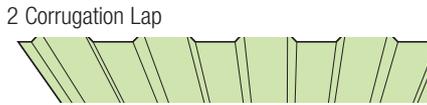
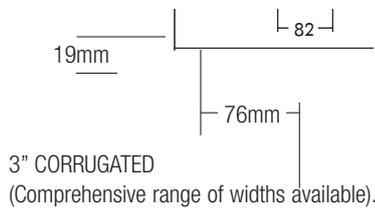
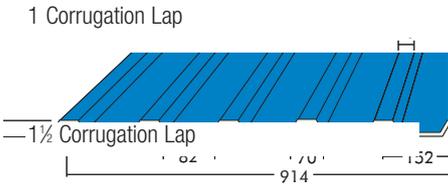
In-house transport facilities and geographical location enables quick and efficient deliveries throughout the U.K. thus complimenting the overall service and quality to which The Hadley Group is dedicated.

Many thousands of tonnes are also Exported each year worldwide. A fully qualified and experienced staff are available to handle all aspects of Export documentation, packaging specifications and shipping details.

CONSTRUCTION  
**DATA**SP01C



## TYPICAL SIDE-LAP DETAILS



## PROCESS

UltraSHEET™ is a corrugated steel panel produced by the unique patented UltraSTEEL™ process developed within The Hadley Group. UltraSTEEL™ is an internationally patented method of altering the surface of cold rollformed steel.

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

## GALVANISED

Galvanised sheets are manufactured from full prime quality hot dip zinc coated steel.  
 Substrate: Hot dipped galvanised  
 Surface finish: Bright spangle.  
 Coated Weight: Full range available

## APPLICATIONS

UltraSHEET™ is suitable for all applications where standard corrugated steel sheet profiles are specified. Ideal for the construction of most basic utility/storage shelters to purpose designed dwellings and elevations calling for a low cost but visually attractive alternative to standard corrugated sheet products. The striking aesthetic qualities of UltraSHEET™ will provide architects and specifiers with an exciting alternative to other external cladding products.

## APPEARANCE

The process confers an aesthetically pleasing and totally uniform pattern on both sides of the product without disturbing the integrity of the quality galvanised coating. The result is unique, visually attractive product, with a surface finish which changes its appearance depending on the aspect from which angle it is viewed.

## IDENTIFICATION

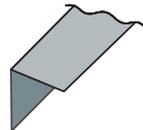
Identification and full traceability are maintained by ink jet marking sheets with the British Standard number together with the week and year of manufacture.

## WORKABILITY

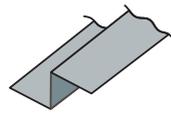
UltraSHEET™ can be cut on-site in identical fashion to standard corrugated sheeting. In addition, the regular indentations on the surface of UltraSHEET™ products provide an excellent key for fixing screws, effectively preventing the screw tips from 'spinning or sliding'. UltraSHEET™ demands nothing in the way of extra maintenance over standard corrugated steel products.

## ACCESSORIES:

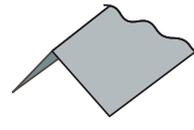
In addition to the wide range of sheeting available we are able to offer flashings, trims and ridges as required.



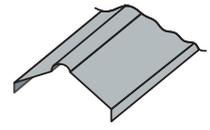
CORNER FLASHINGS:  
15", 18" & 24" GIRTH.



"Z" FLASHINGS:  
15", 18" & 24" GIRTH.



RIDGE FLASHINGS:  
15", 18" & 24" GIRTH.



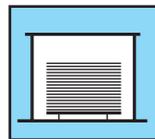
ROLL TOP RIDGES:  
15" GIRTH.

## STORAGE

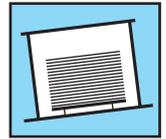
Always store sheets undercover. Never leave stacks exposed to the weather or in places where they might incur accidental damage.



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.



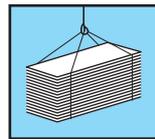
Store the sheet off the ground on timber bearers which should be spaced no more than 900mm (3'0") apart. Incline the stack so that any penetrating rain will drain off. Inspect the sheets at regular intervals to check for leaks in the covering.



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.



## CURVING:

Corrugated sheets up to 12/3" wide can be supplied curved, available in a variety of lengths and gauges.

## MATERIALS AVAILABLE

200 micron PVC Plastisol Coated  
 Polyester Coated  
 Aluminium  
 Stainless Steel

All corrugated sheets are manufactured to the tolerances specified within B.S. 3083 : 1988.

## INTELLECTUAL PROPERTIES

UltraSTEEL™ and UltraSHEET™ are registered trade marks of The Hadley Group and are protected by the following patents:  
 GB 2095595B  
 GB2272662  
 GB Reg. Des. 2027271  
 Int. Pat. App W094/12294  
 Quality assurance is central to the manufacturing philosophy of the company which conforms to BS EN ISO 9002 1994 the international standard for quality control systems.