PRODUCT DESCRIPTION & FEATURES

Industrial Seven is an angular trapezoidal fluted profile sheet with similar characteristics to IBR but having an effective cover of 889mm, which is wider than IBR.

- The general shape and appearance of the trapezoidal flutes ensure that Industrial Seven is totally acceptable for use as roof and wall cladding. The deep and broad flutes of the Industrial Seven type sheeting ensures excellent drainage characteristics, which makes it an ideal sheet for roofing applications.
- Industrial Seven offers optimum strength-to-weight performance and is designed to provide the most advantageous load/span characteristics ensuring best economical usage.
- Industrial Seven can be factory cranked, curved and bullnosed to a wide range of radii. For further details contact our Technical Department.
- On galvanized steel purlins it is recommended to make use of an isolation tape to prevent the bridging of the two dissimilar materials. The recommended tape is a "Denso LDP 300" or similar. Should the two metals have direct contact it will ultimately result in the manifestation of galvanic corrosion. The service life of he Aluminium will be compromised.

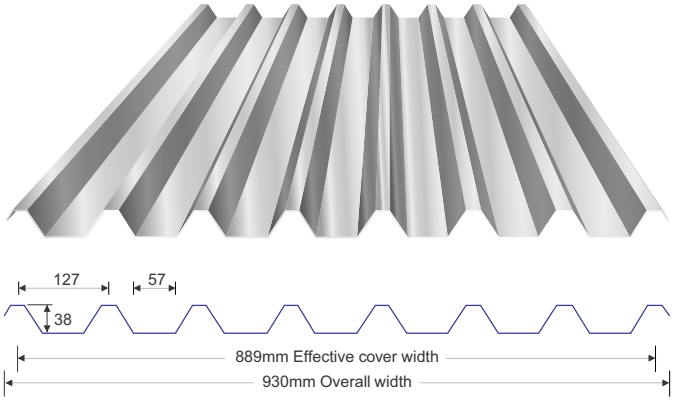
SAMPLE SPECIFICATION

The sheeting shall be Industrial Seven profile as manufactured by Safintra Roofing. The profile shall be roll-formed with 8 trapezoidal ribs at 127mm centres with a nett cover of 889mm. The rib height shall be 38mm and shall be fixed in accordance with the manufacturer's recommendations.

Safintra 0,5mm thick, 889mm cover Industrial Seven Profile ZincAl® AZ150 Roof Sheeting, fixed to steel channel purlins at 2000mm centres and eaves and ridge purlins at 1500mm centres, using 12x65mm stainless steel self tapping screws with bonded washer as described at first, third, fourth and sixth crest of each sheet and at all crest and sheet ends. Side laps to be secured using 6x20mm stainless steel self tapping screws with bonded washer over purlins and at centres not exceeding 500mm between purlins with minimum 230mm end laps, all in accordance with the manufacturer's recommendations.

Note:

During installation, clean the roof daily by removing all swarf, pop rivets and unused fasteners or any other debris.



MATERIAL OPTIONS

Aluminium - Zinc	Gauge (mm)	
AZ150 G550 Unpainted	0.50	0.55
AZ150 G550 Painted	0.50	0.55
Aluminium	**Gauge (mm)**	
Aluminium Mill Finish	0.70	0.80
Aluminium G4 Colortech	0.70	0.80

Other gauges are available on special request.

PURLIN SPACINGS

Purlin Spacings are dependant on both downward loading and negative suction loading caused by wind. Your engineer should be consulted to calculate your load (kN/m²) for your particular application.

PURLIN SPACINGS

GAUGE	0.5mm	0.55mm	0.8mm
MATERIAL	ALUMINIUM-ZINC	ALUMINIUM-ZINC	ALUMINIUM
ROOFS	mm	mm	mm
Single Span	1 900	1 950	1 500
End Span	2 000	2 100	1 550
Internal/Double Span	2 450	2 650	2 100
Cantilever (Unstiffened)	400	600	450
Cantilever (Stiffened)	500	700	550
SIDE CLADDING			
Single Span	3 300	3 350	2 400
End Span	3 400	3 450	2 500
Internal Span	3 750	3 900	3 000
Cantilever	200	300	450
Approximate Mass/m²	4.6kg	4.64kg	5.52kg

LENGTHS & ROOF PITCH

When using Industrial 7 sheeting the recommended minimum pitch for roof slopes in excess of 15m is 10° and for slopes less than 15m is 7,5°. Industrial 7 sheeting can be ordered in any length, subject to transport limitations, up to 13,2m. Longer lengths require special transport arrangements.

TOLERANCES

A length variation range of +/-5,0mm, and width tolerance of +/-3,0mm are permissible