

PRODUCT DESCRIPTION & FEATURES

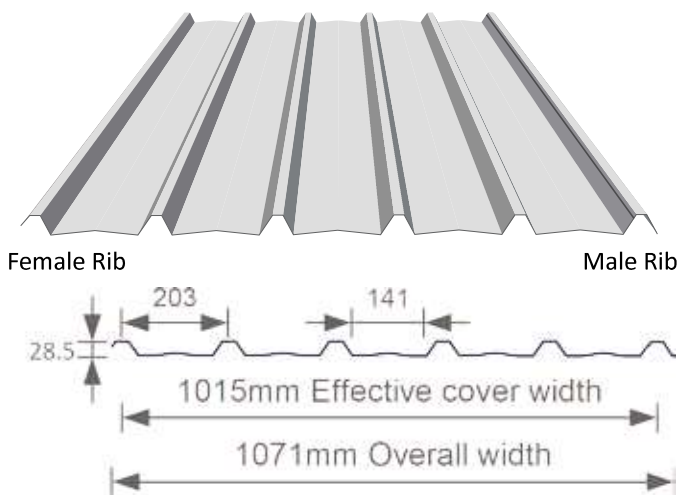
Trimflute is a subtle square fluted profile. The long flute gives the profile its strength with long spanning capabilities. Trimflute can be used as a roofing as well as a cladding profile.

- The square flutes of Trimflute ensure excellent drainage characteristics.
- The contemporary appearance of Trimflute is aesthetically appealing.

SAMPLE SPECIFICATION

Safintra 0.50mm thick, Zincol® AZ 150 Trimflute profile roof sheeting, fixed to internal steel purlins at 1700mm centers and to ridge and eaves purlins at 1500mm centers, with Fixtite® or Safintra approved #12 x 65mm ex head self-drilling screws at every second crest, internal purlins and every crest. Eave purlins Side laps to be stitched at 500mm centers between purlins with #14 x 22mm metalfix stitching fasteners, all in accordance with the manufacturers recommendations.

The sheeting shall be Trimflute type profile as manufactured by Safintra. The profile shall be roll-formed with 6 trapezoidal ribs at 203mm, centers with a net cover of 1015mm. The rib height shall be 28.5 mm and shall be fixed in accordance with the manufacturer’s recommendations.



MATERIAL OPTIONS

Aluminium - Zinc	Gauge (mm)
AZ100/150/200 G550 Unpainted or pre-painted	0.47 0.50 0.53 0.55
Aluminium	Gauge (mm)
Aluminium Aluminium G4 Colortech	0.80
Zinc-Coated	Gauge (mm)
Z200/Z275 ISQ550 Unpainted or pre-painted	0.50 0.58*
Other gauges are available on special request. All material is subject to availability.	
* Available in G275/ISQ300 only	

Material and coating thickness can vary regionally. Consult your local Safintra branch for availability.

Note 1

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

Note 2

Safintra recommends the use of Fixtite or Safintra approved Class 4 fasteners

PURLIN SPACINGS

Purlin Spacing's are dependent on both downward loading and negative suction loading caused by wind. An engineer should be consulted to calculate your load (kN/m²) for your particular application.

GAUGE	0.47	0.50	0.53	0.55	0.80
MATERIAL	ALUMINIUM -ZINC	ALUMINIUM -ZINC	ALUMINIUM -ZINC	ALUMINIUM -ZINC	ALUMINIUM
ROOFS	mm	mm	mm	mm	mm
Single Span	1200	1300	1500	1600	900
End Span	1400	1500	1600	1800	1100
Internal/Double Span	1600	1700	1800	1900	1300
Cantilever	150	150	200	200	150
Side Cladding					
End Span	1600	1800	2000	2200	1300
Internal Span	1900	2100	2300	2500	1600
Cantilever	200	200	300	300	250
Approximate Mass/kg	3.4	3.6	3.8	4	2.2

Design requirements exceeding the above, may be considered in consultation with the Safintra Technical Department.

FIXING GUIDE



Trimflute is pierce fixed to timber or steel supports. This means that fastener screws pass through the sheeting. Always drive the fasteners perpendicular to the sheeting, and in the centre of the rib.

It is recommended that side laps be stitched at 500mm centers. Its further recommended that every rib is fixed at the eaves, ridges and the apex of the roof.

The rib of Trimflute with the capillary groove is always the under-lap. It is generally considered good practice to use fasteners alongside-laps.

FASTNERS FOR TRIMFLUTE		
	ROOF	SIDE CLADDING
Steel	#12 x 65mm Metalfix hex head	#12 x 25mm Metalfix hex head
Timber	#12 x 85mm Timberfix hex head	N/A
FLASHINGS & SIDE STITCHING		
Steel	#14 x 22mm Metalfix stitching fastener, hex head, tapered	
Timber	#14 x 22mm Metalfix stitching fastener, hex head, tapered	

Note 3

Trimflute is a handed sheet with a capillary break on one side and should be installed accordingly.

LENGTHS & ROOF PITCH

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

DIMENSIONAL TOLERANCES

A length variation range of +10mm or -0mm, and a width tolerance of ±7.5mm is permissible. This applies to straight sheet lengths only.

Note 4

Note that when using Aluminium material on galvanized steel purlins, the use of an isolation tape or similar to prevent the bridging of the two dissimilar materials is recommended. Should the two metals have direct contact it will ultimately result in the manifestation of galvanic corrosion, and the service life of the aluminium will be compromised.

