

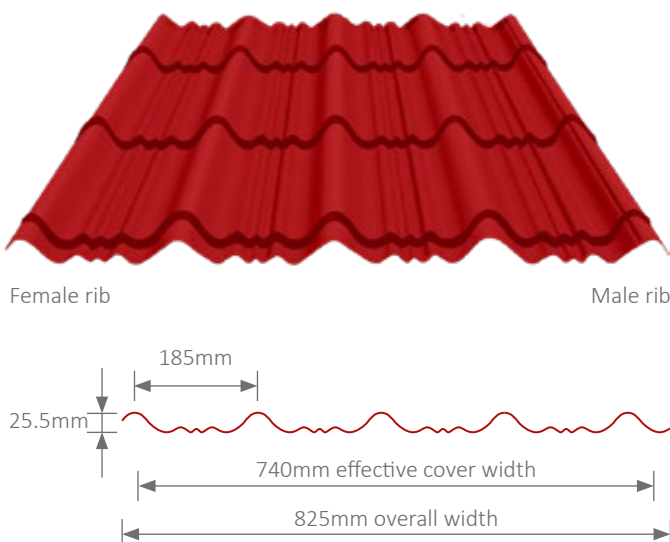


Versatile® is a premium roofing profile with the appearance of tiles but the strength and lightweight advantages of steel. It is available in a range of colours and in various thicknesses. Local manufacture ensures that Versatile® is available in even the smallest quantities and may be supplied in bespoke lengths.

All this highlights Versatile® as a lightweight, durable and beautiful product that is ideal for the most discerning user with continuous sheet lengths ensuring water tightness. The tiled profile lends the visual effect of roof tiles combined with the security benefits of roof sheeting. The flexibility of steel makes this tile profile suitable for over-roofing of thatched roofs, round or curved roofs and otherwise limiting roof shapes.

## SAMPLE SPECIFICATION

The roof shall be Saffintra Versatile® profile in 0.4mm Zincol® or Colorplus® material. The profile shall be roll-formed with 4 large corrugations at 185mm centres giving an effective cover width of 740mm and a step every 300mm to a depth of 15mm. The rib height shall be 25.5mm.



## MATERIAL OPTIONS

Aluminium-Zinc coated steel	Gauge (mm)
AZ 100 / 150 / 200 G275 Unpainted or pre-painted	0.40

*Versatile® is rolled in commercial quality steel only. All material is subject to availability.*

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

**Note 1:** Versatile® does not get cranked in South Africa.

**Note 2:** During installation, clean the roof daily by removing all swarf, pop rivets and unused fasteners or any other debris.

**Note 3:** Versatile® is a handed sheet with a capillary break on one side and should be installed accordingly.

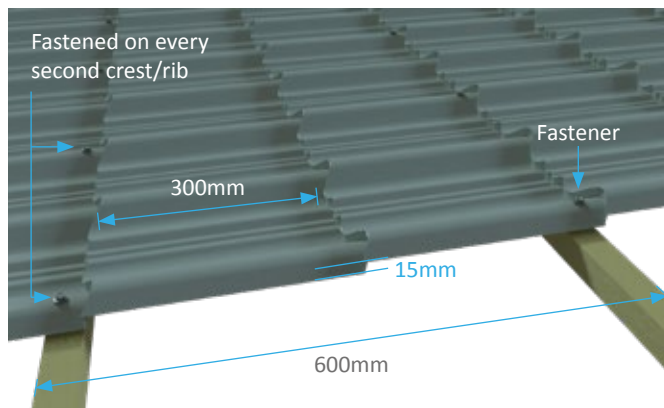
## PURLIN SPACINGS

Purlin spacings are dependent on both downward loading and negative suction loading caused by wind. An engineer should be consulted to calculate your load (kN/m<sup>2</sup>) for your particular application.

Gauge (mm)	0.40
Material	Aluminium-Zinc coated steel
Roofs	mm
End span	600
Internal/double span	600
Cantilever	50
Approximate mass (kg/m <sup>2</sup> )	3.79

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

## FIXING GUIDE



Versatile® is pierce fixed to steel or timber supports. This means that fasteners pass through the sheeting. To maximise water tightness, always place the roof fastener through the crest of the sheeting. Always drive the fastener perpendicular to the sheeting and in the centre of the crest. A standard lap is 1 flute. It is generally considered good practice to use fasteners alongside laps. It's further recommended that every rib is fixed at the eaves, ridges and the apex of the roof.

## FASTENERS FOR VERSATILE®

	Roof	Side cladding
Steel	#12 x 65mm metal-fix hex head	#12 x 25mm metal-fix hex head
Timber	#12 x 85mm timber-fix hex head	N/A

## FLASHINGS AND SIDE STITCHING

	Roof	Side cladding
Steel	#14 x 22mm metal-fix stitching fastener, hex head, tapered	
Timber		

## LENGTHS AND ROOF PITCH

When using Versatile® sheeting, the recommended minimum roof pitch is 10°. Versatile® sheeting can be ordered in any length, subject to transport limitations, up to 13.2 metres. Longer lengths require special transport arrangements.

## DIMENSIONAL TOLERANCES

A length variation range of +10mm or -0mm, and a width tolerance of ±4.0mm is permissible. This applies to straight sheet lengths only.

## ROLL TOP RIDGES

Versatile® is sold as a complete system, with its own distinctive roll top ridges which are designed to complement the profile. The roll top ridge may also be notched to allow it to seat in the profile as a closure.

**Note 4:** Safintra recommends the use of Fixtite™ or Safintra approved Class 4 fasteners.

**Note 5:** The ridges have matching notches on either side. During installation, ensure that the Versatile® sheets are lined up to fit the notches on both sides of the roof. If laying sheets from left to right on the one face, the sheets on the opposite face should be laid starting from the same side.

**Note 6:** Note that when using Aluminium material or 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 bimetallic corrosion, and the service life of the Aluminium will be compromised.

*\*Refer to the Safintra Technical Department for more information or raise any enquiries in writing to [info.safintrasa@safalgroup.com](mailto:info.safintrasa@safalgroup.com)*

