WIDEDEK®

Widedek® is an angular trapezoidal fluted sheet and is similar in appearance to Tufdek® IBR profiled sheeting, the difference being a wider cover width of the sheet, and shallower flutes.

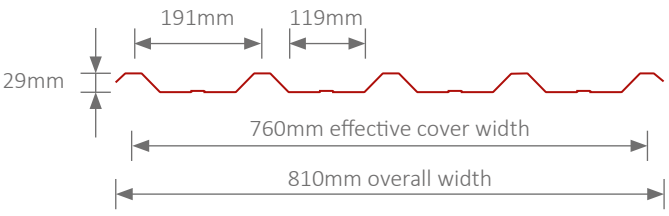
The Widedek® profile has a better cover width than Tufdek® IBR, resulting in a saving of ±10%. To achieve the same coverage, less sheets are required to be erected, thus saving on time and labour.

The advantage of using Widedek® in place of a sinusoidal profile is its strength. The spanning capacity of Widedek® is greater than the corrugated profile thus requiring less purlins, resulting in a further cost saving in material and instalment costs. Widedek® can be factory cranked, curved and bullnosed to a wide range of radii.

SAMPLE SPECIFICATION

Safintra 0.5mm thick AZ 150 Zincal® Widedek® profiled roof sheeting, fixed to intermediate coated steel purlins at 1700mm centres and to ridge and eaves purlins at 1500mm centres, with #12 x 65mm Fixtite™ or Safintra approved hex head self-drilling fasteners at every second crest at intermediate purlins and every crest and eaves purlins in accordance with the manufacturer's recommendations.

The sheeting shall be Widedek® trapezoidal type profile as manufactured by Safintra. The profile shall be roll-formed with 5 trapezoidal ribs at 191mm centres with a nett cover of 760mm. The rib height shall be 29mm and in accordance with the manufacturer's specification.



MATERIAL OPTIONS

Aluminium-Zinc coated steel	Gauge (mm)
AZ 100 / 150 / 200 G550 Unpainted or pre-painted	0.47 0.50 0.53 0.55 0.80*
Aluminium	**Gauge (mm)**
Unpainted or pre-painted	0.80
Zinc-coated steel	**Gauge (mm)**
Z200 / Z275 ISQ550/ISQ300 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: All profiles are rolled with stiffener ribs, unless otherwise specified.

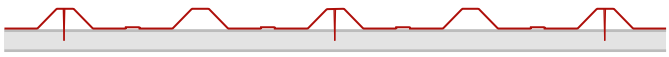
Note 2: During installation, clean the roof daily by removing all swarf, pop rivets and unused fasteners or any other debris.

PURLIN SPACINGS

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

Gauge (mm)	0.47	0.50	0.53	0.55	0.80	0.80
Material	Aluminium-Zinc coated steel	Aluminium-Zinc coated steel	Aluminium-Zinc coated steel	Aluminium-Zinc coated steel	Aluminium-Zinc coated steel	Aluminium
Roofs	**mm**	**mm**	**mm**	**mm**	**mm**	**mm**
Single span	1200	1300	1400	1500	1700	1000
End span	1400	1500	1600	1700	1900	1200
Internal/double span	1600	1700	1800	1900	2100	1400
Cantilever	150	150	200	200	400	150
Side cladding						
End span	1700	1900	2100	2300	2500	1300
Internal span	2000	2200	2400	2600	2800	1600
Cantilever	200	200	300	300	450	300
Approximate mass (kg/m²)	4.34	4.61	4.89	5.07	7.38	2.73

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



FIXING GUIDE

Widedek® 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 centres with #14 x 22mm metal-fix stitching fastener. It's further recommended that every rib is fixed at the eaves, ridges and the apex of the roof. Side laps to be sealed using a suitable butyl product or neutral cure Silicone. Refer to the Fixtite™ fastener section for fixing guidelines.

FASTENERS FOR WIDEDEK®

	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		

Note 3: Safintra recommends the use of Fixtite™ or Safintra approved Class 4 fasteners.

LENGTHS AND ROOF PITCH

Widedek® sheeting can be ordered in any length, subject to transport limitations of up to 13.2m. Longer lengths require special transport arrangements. When using Widedek® sheeting the recommended minimum pitch for roof slopes in excess of 15m is 10° and for slopes less than 15m is 7.5°.

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 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*