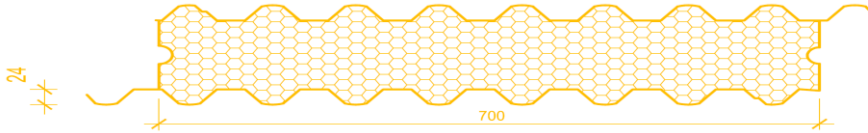


TRIDEK SMART SERIES



Minimum 2° Roof Pitch straight panel.
Roof / Ceiling / Wall panel.
700mm cover.



Product Description:

Tridek **SMART SERIES** is suitable for use on roofing applications from a minimum 2° pitch, the panel can also be used equally well as a wall cladding. The **SMART SERIES** has a sharp, modern and clean appearance coupled to exceptional load bearing and span properties.

The 8 rib profile is ideally suited for use on a range of construction projects including Community Buildings, Aged Care Facilities, Hospitals, Educational, Institutional, Commercial and Residential projects.

Smart Series can be used in any building project where high thermal values, long load bearing spans and low maintenance requirements are a priority. Tridek **Smart Series** reduces the amount of structural framing costs. Long panel spans and self bracing greatly simplifies the building structure. Panels can conform to various design requirements.



Specifications:

Core Thickness	Lengths	Core Material	Thermal Rating	Finishes Top	Finishes underside	Panel Skins	Fire Properties
100mm 125mm 140mm 165mm 200mm 250mm Other core thickness on request	Cut to order max 23m. longer lengths by negotiation.	SL Grade Polystyrene *Also available in Polyurethane Polyisocyanurate Contact Tridek for specifications	R2.032 R2.665 R3.046 R3.679 R4.566 R5.833 R Value SL grade EPS core Winter @ 15° C	8 rib	8 rib	Coloured steel Zincalume Galvanised Severe environment materials also available.	Fire rated to Group 1. Material Test standard AS ISO 9705-2003

Standard Panel Skin Materials: (A range of alternative materials are available. i.e. Stainless Steel, Aluminium)

Steel	Thickness	Substrate	Colour	Typical panel weight
External (upper) skin Ceiling (under) skin	0.42 BMT 0.42BMT Also available in: 0.48 BMT 0.60 BMT	Zincalume or Coloured AZ 150 G550 steel. Zincalume or Coloured AZ150 G550 steel	Full colour range Full colour range Metallic colours on application	9.5kg. 75mm 10.6kg. 100mm 11.0 kg 125mm 11.2 kg 140mm 11.6 kg 165mm 12.2 kg 200mm 13.0kg 250mm 13.8kg 300mm

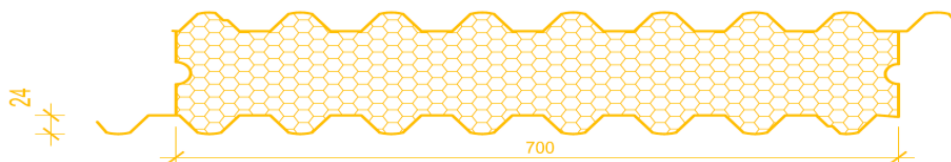
Spans. Non Cyclonic Wind Region. Single span on rake (m).

Wind Rating	100mm panel	125mm panel	140mm panel	165mm panel	200mm panel	250mm panel
W33 – N2	6.200m	7.500m	8.000m	8.400m	9.400m	10.400m
W41 – N3	5.000m	5.700m	6.400m	7.400m	8.000m	8.300m
W50 – N4	4.100m	4.700m	5.200m	5.700m	6.500m	6.800m
W60 – N5	3.400m	3.900m	4.300m	4.500m	5.300m	5.600m

Due to the commitment by Zipperlock Steel Buildings to research and development of the product range, the details and specifications published above may change without notice.

For panels and applications outside the above specifications contact the Tridek Sales office for further design assistance and engineering data.

Smart Series can be curved; however prior to design finalization confirm the radius with the Tridek Sales office.



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