SWIFTBOX™ skylight

m-SPAN

M-SPAN
(To suit Metecnospan®)

The SwiftBox M-Span is a Skybox built to suit and function as a skylight modular member for Metecnospan® PIR panels. With flexibility in thermal and lighting performance and inbuilt anti-fall protection, the Swiftbox is a cost effective 'plug & play' skylight solution that achieves a seamless underside finish with equal span capability to the Metecnospan® cutting time and cost in labour and structural support.

Benefits

- Built to length pre-assembled skybox to direct fit Metecnospan® 100mm profile achieving seamless underside colour matched finish and fast installation (no flashing required) in lengths up to 11.8m*
- Capable of matching both single & multi-span Metecnospan® performance in just a single span skybox eliminating costly structural steel and installation+
- Up to 55% light transmission, triple glaze UV filtered, and thermal sealed & rated up to R1.0 m^2K/W
- Inbuilt anti-fall protection eliminating safety mesh for up to 6.5m span
- Australian made & assembled aluminium structure for complete corrosion resistance
- Concealed pass-through for electrical cables.
- Suitable for all commercial applications including aquatic & highly corrosive environments**
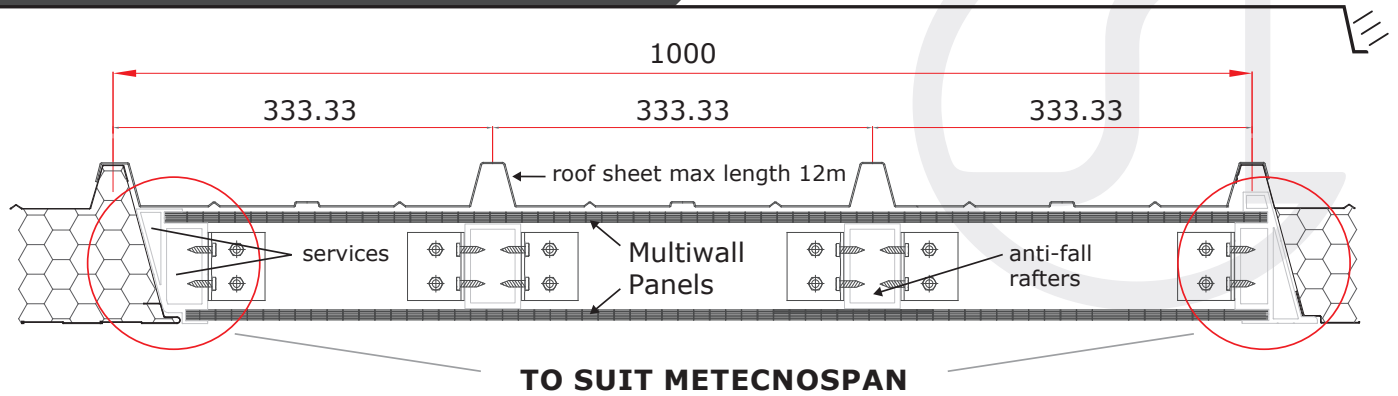
Save Cost & Time

- Simple and fast installation reduces labour, material and equipment hire cost needing only 8 fix-down screws per box, seal tape, and standard fix down of skylight roof sheet.
- Seamless underside finish colour matched eliminates cost of flashing, fixing, sealing, and EWP hire.
- Achieves equal span distance to PIR panel eliminating cost of additional steel structure & safety mesh.

Warranty Backed Total Solution

The Swiftbox is backed by a 20-year limited warranty and a 10-year light transmittance warranty, refer to the product warranty guide for conditions and exclusions

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* Subject to MOQ and availability.
** When powder coated and installed as per instructions, +Up to 5m spans

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Technical Data (M-Span)

1000

333.33   333.33   333.33

← roof sheet max length 12m

services   Multiwall Panels   anti-fall rafters

TO SUIT METECNOSPAN

Span Table

Non-Cyclonic Region A & B, Roof Applications Only, Maximum Uniformly Distributed Wind Load (kPa) for the Given Roof Spans (Pressure Acting Outwards)

Single Span	Wind Pressure
1500mm	9.83 kPa
2700mm	4.31 kPa
3900mm	2.88 kPa
5100mm	1.81 kPa
6300mm	0.94 kPa

Physical Properties

SwiftBox® m-SPAN 100mm

PROPERTY		VALUE
Dimensions	Thickness	To match 100mm Metecnospan Panel
	Length	2.0 to 11.8m
	Width	To suit Metecnospan 1000mm cover
Weight	Excl. roof sheet	25-28kg/LM
Composition	Aluminium	T5 6060 (coated as req.)
	Assembly Screws	Class 4 (Class 5 upon request)
	Polycarbonate	1 or 2 Sunlite panels*
	Roof Sheet	Refer to manufacturer
	Sealants	Low Density PVC Foam 100% silicone
Solar	Light %	30 - 55%*
	SHGC	0.29 - 0.65*
Thermal	R-Value	Up to 1.0*
Acoustic	DIN 52210-75	RW 29 (excl. roof sheet)
Impact Tests	Roof Safety Mesh	AS/NZS 4389:2015
Tolerance	Width ± 2mm	Length ± 3mm

Sunlite® Multiwall Polycarbonate

PROPERTY		VALUE
Thickness/Density	10mm 7wall	1.9kg/m²
	10mm 2wall	1.7kg/m²
Maximum Length		11.98m
U-Value (C-236)	7 wall	2.3 W/m²K (R0.43)
	2 wall	2.9 W/m²K (R0.34)
Light Transmission	7 wall	Clear -64% (SHGC. 0.64)
	2 wall	Clear -80% Opal- 30%
Service Temperature	Short Term	-40˚ to 120˚
	Long Term	-40˚ to 100˚
Tensile Strength at yield	10mm/min	62MPa
Impact fall weight	ISO6603/E50	40-400J
Fire Hazard Ratings		
- ISO AS9705:2003		Group 1
- EN 13501-1		B-s1, d0
- AS1530.3	Ignitability	0
	Smoke Index	2
	Flame Spread	0
	Heat Evolved	0
Warranty	10 Year Manufacturer	

* depending on selections
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