

TOPSPAN®

QUICK SELECTION GUIDE

LYSAGHT



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LYSAGHT TOPSPAN®

1.0 Introduction

In response to industry needs, Lysaght has developed a range of selection tables for the Lysaght range of TOPSPAN® profiles. This publication has been prepared with a view of providing installers with all the relevant data to enable easy selection of the span and spacing for the chosen TOPSPAN®.

This publication contains a range of selection tables of the Lysaght range of TOPSPAN® profiles for applications in non-cyclonic and cyclonic regions.

The TOPSPAN® selection tables have been based on a wide range of assumptions and design criteria, span configurations and spacing and are detailed within. For application outside the range of assumptions and conditions reference should be made to a suitable qualified designer and reference to the published TOPSPAN® capacities.

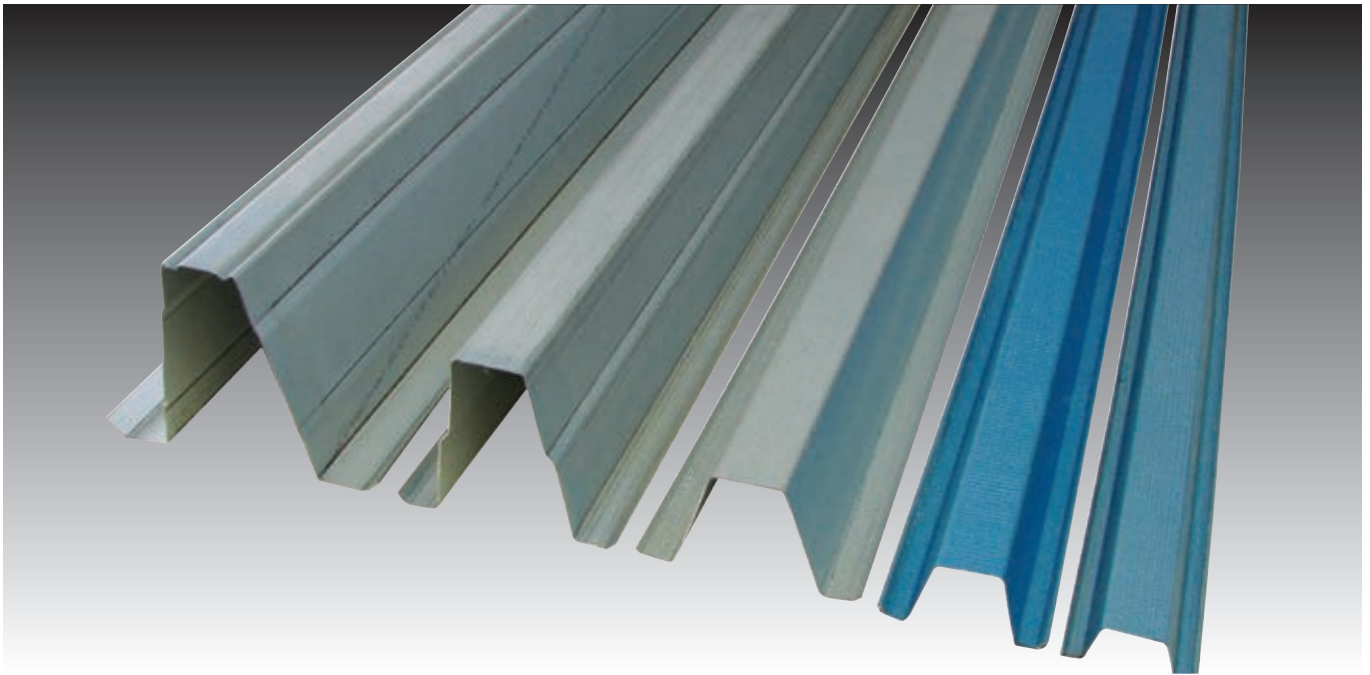
The TOPSPAN® selection tables given in this publication have been generated taking into account all the relevant strength modes such as the TOPSPAN® capacity, connection capacity of the TOPSPAN® to the support, cladding capacity and maximum recommended span, cladding connection capacity to the TOPSPAN® and more. Furthermore consideration has been given to the normal application of the relevant TOPSPAN® and consideration to the relevant Australian Standards (codes).

This publication should be read in conjunction with the other relevant Lysaght publications on TOPSPAN® products.

KEY TO PRODUCT IDENTIFICATION

TS2242	TOPSPAN® 22, 0.42mm BMT
TS4048	TOPSPAN® 40, 0.48mm BMT
TS4055	TOPSPAN® 40, 0.55mm BMT
TS4075	TOPSPAN® 40, 0.75mm BMT
TS6160	TOPSPAN® 61, 0.60mm BMT#
TS6175	TOPSPAN® 61, 0.75mm BMT
TS6110	TOPSPAN® 61, 1.0mm BMT
TS6112	TOPSPAN® 61, 1.2mm BMT
TS9675	TOPSPAN® 96, 0.75mm BMT
TS9610	TOPSPAN® 96, 1.0mm BMT
TS9612	TOPSPAN® 96, 1.2mm BMT
TS12070	TOPSPAN® 120, 0.70mm BMT
TS12090	TOPSPAN® 120, 0.90mm BMT
TS12010	TOPSPAN® 120, 1.0mm BMT#

Consult your local Lysaght branch for product availability in your region.
#Availability is subject to enquiry.



TOPSPAN® ADVANTAGES

LYSAGHT TOPSPAN® has been used in the building and construction industry for many decades in commercial and residential applications. Applications include sheds, garages, carports, and as ceiling and roof battens as well as for handyman projects. There's a TOPSPAN® profile that's right for your next job.

Benefits of TOPSPAN® profiles:

- Versatile TOPSPAN® profiles are an economical, lightweight steel alternative to timber battens or the smaller light gauge purlins.
- TOPSPAN® is quick and easy to install because they can be lapped, eliminating the time-consuming process of cutting to length.
- Consistent straightness simplifies alignment.
- Lightweight – for easy handling and minimal labour
- Ease of installation – easy fixing with self-drilling screws through the bottom flanges with simple, fast lapping direct to supports without the need for cleats.
- Stability during installation – directly laid on top of supports with no added support method or labour required.
- TOPSPAN®'s compact bundles are easily stacked, stored and transported.

TOPSPAN® sections will perform as specified if selected and fixed in accordance with the Quick Selection Table's recommendations and good trade practice.

The TOPSPAN® capacities used to generate the Quick Selection Tables have been determined from a comprehensive full-scale testing program conducted at the LYSAGHT® Research & Technology NATA-accredited testing facility. The testing also provided a thorough understanding of the real-life behaviour of the TOPSPAN® profiles under load.

TESTING

The performance of the TOPSPAN® profiles is backed by Lysaght, with over 150 years experience in building products, thus assuring quality and consistency in product profile and straightness.

Roll-formed from quality high-tensile Australian steel, TOPSPAN® is coated for corrosion-free long life. It is 100% recyclable, and it won't warp, twist, splinter, rot and won't be attacked by termites. The material will not ignite, spread flame or smoke and thus is non-combustible.

2.0 General Notes to Quick Selection Tables

1. The Quick Selection Tables provide suitable TOPSPAN® spacing based on a range of assumptions and design criteria as detailed below and as detailed on each table. Variation of these assumptions and design criteria will provide different TOPSPAN® spacing.
2. The Quick Selection Tables have been based on the following design criteria detailed in AS 4055:2006 and are extracted and summarised below:

- a) The Design wind pressures are based on the Wind Classes detailed below:
 - N1, N2, N3, N4 and N5 in non-cyclonic areas C1, C2 and C3 in cyclonic areas
 - Where values are not provided for the above Wind Classes then a practical or economic solution is not available.
 - Refer to information on Page 7 for further information on design parameters
- b) The strength pressure factors (-ve away from building, +ve towards the building) used for roofs are:

NON-CYCLONIC

External pressure coefficient $C_{pe} = -0.9, +0.4$
 Internal pressure coefficient $C_{pi} = +0.2, -0.3$
 Local pressure factor $K_f = 2$ at building edges

CYCLONIC

External pressure coefficient $C_e = -0.9$
 Internal pressure coefficient $C_{pi} = +0.7$
 Local pressure factor $K_f = 2$ at building edges

- c) The strength pressure factors (-ve away from building, +ve towards the building) used for walls are:

NON-CYCLONIC

External pressure coefficient $C_{pe} = +0.7, -0.65$
 Internal pressure coefficient $C_{pi} = -0.3, +0.2$
 Local pressure factor $K_f = 2$ at building edges

CYCLONIC

External pressure coefficient $C_{pe} = -0.65$
 Internal pressure coefficient $C_{pi} = +0.7$
 Local pressure factor $K_f = 2$ at building edges

- d) The strength pressure factors (-ve away from building, +ve towards the building) used for ceilings are:

NON-CYCLONIC

Net pressure coefficient $C_{pn} = +0.2, -0.3$

CYCLONIC

Net pressure coefficient $C_{pn} = +0.7, -0.65$

- e) The roof and wall areas are separated into pressure zones termed "general" and "edge". The term "edge" refers to a zone within 1200mm of building edges, and the term "general" refers to zones away from the building edges. Refer to Figures 1 & 2.
 - f) The structure/building dimensions are based on the limits detailed in Figure 3.
 - g) Ultimate Limit States Partial load redistribution in "edge" areas has been taken into account.
3. Fasteners used to fix the TOPSPAN® to the supports are detailed at the bottom of each Quick Selection Table. Fasteners used to fix the cladding to the TOPSPAN® are detailed on Page 10.
 4. The serviceability deflection limits applied is $L/300$ for dead load.
 5. For information on other cladding, claddings of other thickness, supports of other thickness or timber supports refer to the TOPSPAN® Capacity Tables and a designer or your local LYSAGHT® representative.
 6. The maximum roofing support spacing based on foot traffic (i.e. maximum recommended span for the roofing) is taken into account in the Quick Selection Tables.
 7. **1200** Black (reverse types) Shaded spans of the Quick Selection Tables represent the span of the TOPSPAN® exceeds the recommended span when unclad. In this situation refer to the publication titled "LYSAGHT TOPSPAN® light gauge steel sections" and the section titled "General information and installation matters"
 8. Blank spaces indicate that a practical solution, &/or an economic solution, for the assumptions and design criteria selected is not available.
 9. Partial load redistribution in "edge" areas has been taken into account. The redistribution accounts for the cladding stiffness with respect to profile, material thickness and cladding span.
 10. Support material specifications
 - 0.75 mm BMT - G550
 - 1.0 mm BMT - G550
 - 1.2mm BMT - G500
 11. The span configuration terminology used in the Quick Selection Tables consist of single span, continuous span and lapped continuous span. For details refer to Page 10. The span refer to the distance between supports and all spans within each configuration are assumed to be equal.
 12. In accordance with AS 4055:2012, for corner applications where the local pressure factor $K_f=3$ for building corners, it is recommended to provide an additional TOPSPAN®, thereby reducing the TOPSPAN® spacing in the corner areas.

Figure 1:

TOPSPAN® layout on roof.

Roof Legend:

- - Edge roof location
- - General roof location
- ▨ - Edge roof location at ridge for roof slope $\geq 10^\circ$
- E - Roof sheet end span & Topspan spacing
- I - Roof sheet internal span & Topspan spacing
- - Topspan

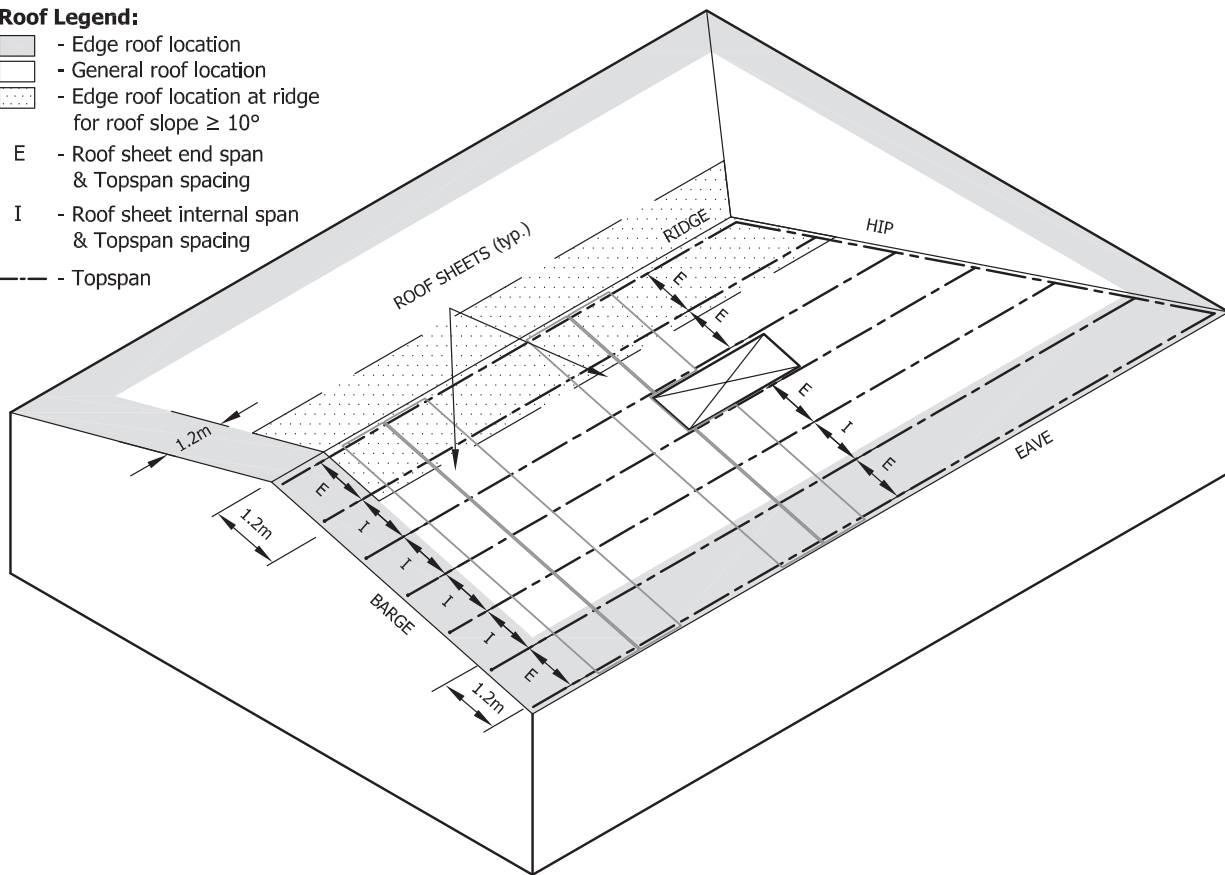


Figure 2:

TOPSPAN® layout on wall.

Wall Legend:

- - Edge wall location
- - General wall location
- - Topspan
- E - Wall sheet end span & Topspan spacing
- I - Wall sheet internal span & Topspan spacing

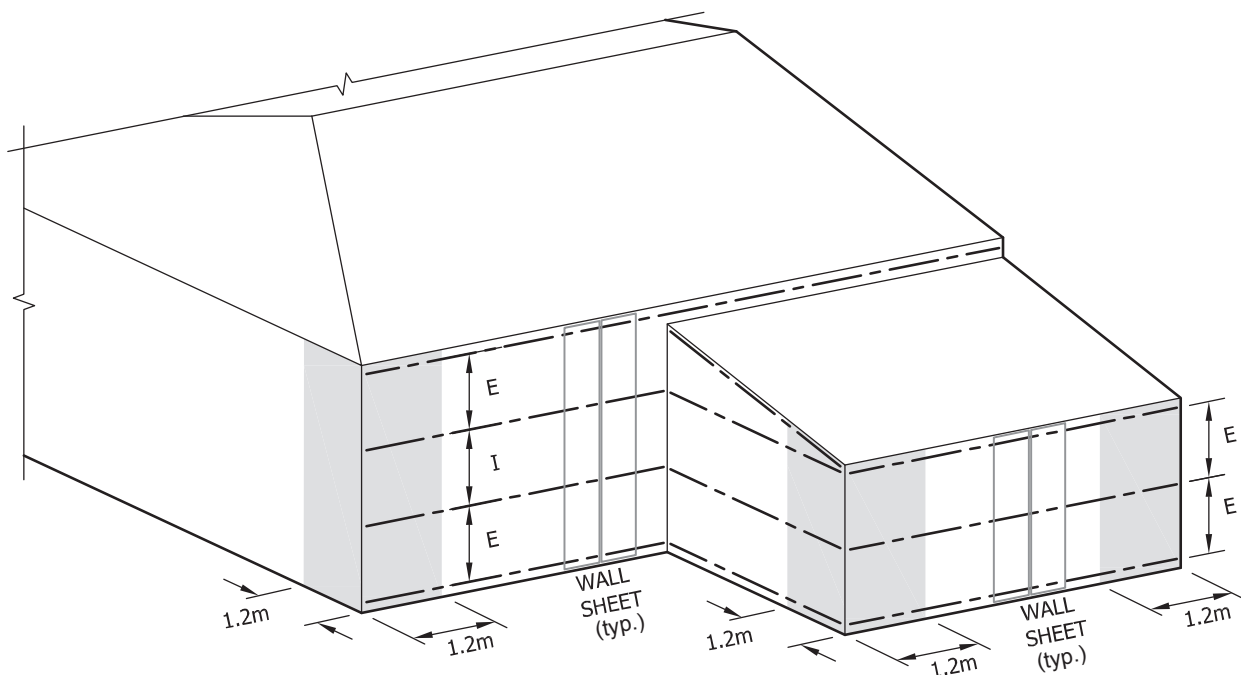


Figure 3:

Building geometry limits.

The building dimension limitations are in accordance to AS4055:2006 Wind loads for housing.

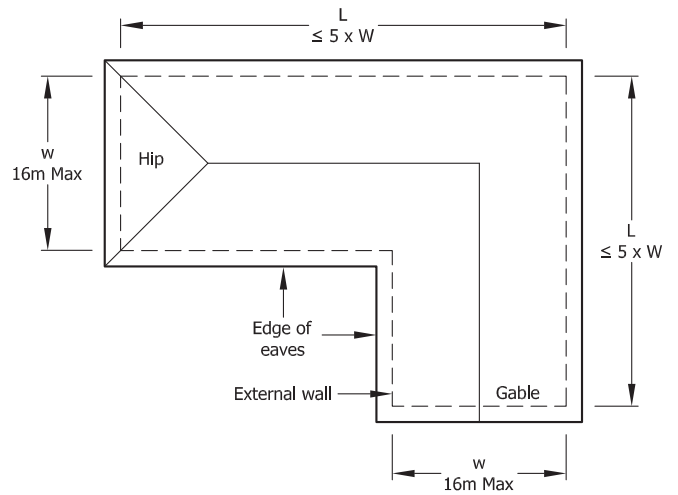
The maximum wall to wall width of the building is 16m.

The maximum wall to wall length of the building is 5x the building width.

The maximum height from the ground level to the underside of the eave is 6m.

At any section of the building, the vertical distance from the top of the roof to the ground level must not exceed 8.5m.

The maximum roof pitch is 35°.

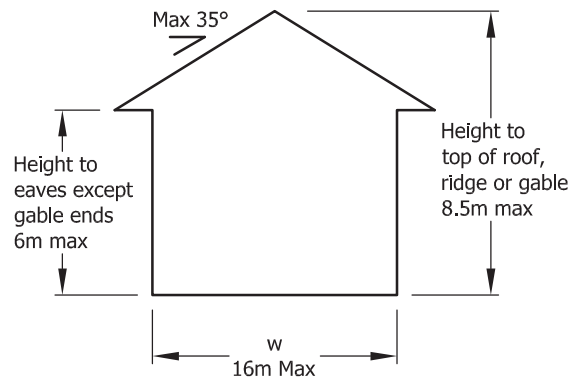


PLAN VIEW

LEGEND:

W - Building width, excludes eaves

L - Building Length



SECTION

Wind Classification		Topographic Classification					
Wind Region	Terrain Category	T1		T2		T3	
		Fully Shielded	No Shielding	Fully Shielded	No Shielding	Fully Shielded	No Shielding
A	3	N1	N1	N2	N2	N2	N3
	2.5	N1	N2	N2	N3	N2	N3
	2	N1	N2	N2	N3	N3	N3
B	3	N2	N3	N3	N4	N3	N4
	2.5	N2	N3	N3	N4	N3	N4
	2	N2	N3	N3	N4	N4	N5
C	3	C1	C2	C2	C3	C2	C3
	2.5	C1	C2	C2	C3	C3	C3
	2	C2	C2	C2	C3	C3	-
D	3	C2	C3	C3	-	-	-
	2.5	C2	C3	C3	-	-	-
	2	C3	-	-	-	-	-

For more details on wind classification, wind region, topographic class and shielding, refer to Australian Standards AS1170.2 and AS4055.

3.0 How to use TOPSPAN® Quick Selection Tables

To effectively use the Quick Selection Tables, you should have the following information handy:

- Is the TOPSPAN® going to be used for roofing and/or walling application?
- Wind region of the building’s location according to ‘AS4055:2006 ‘ Wind loading for housing’ e.g. N2, C3
- The type and thickness of LYSAGHT® cladding e.g. 0.42mm BMT TRIMDEK®
- Steel support thickness for the TOPSPAN® and the spacing of the supports. e.g. 1.2mm G500 steel supports spaced at 3m interval.

DESIGN EXAMPLE 1:

Select TOPSPAN® size and spacing(s) for roof application of a building situated in N3 wind region. The TOPSPAN®s are supported by 1.0mm thick steel trusses at 900mm spacings. The roof sheets are 0.42mm BMT TRIMDEK®. Roof slope is 22.5°.

Since the support spacing is 900mm, try the TOPSPAN® 4055.

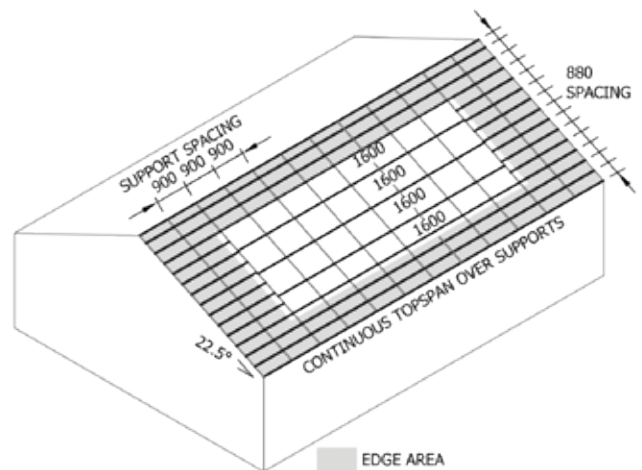
NON-CYCLONIC REGION - ROOF SUPPORT

TS4055 Support thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)		
			Outward	Inward		TOPSPAN® Span/Support Spacings		
						600 mm	900 mm	1200 mm
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1300
			1.92		Edge	1300	1300	1030
		N3	1.65	1.05	General	1300	1300	1200
			3.00		Edge	1300	880	660
		N4	2.46	1.56	General	1300	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General			
			6.57		Edge			
	Internal	N2	1.06	0.67	General	1900	1900	1800
			1.92		Edge	1900	1370	1030
		N3	1.65	1.05	General	1900	1600	1200
			3.00		Edge	1320	880	660
		N4	2.46	1.56	General	1610	1070	800
			4.47		Edge	880	590	440
N5	3.61	2.30	General					
		6.57		Edge				

The above table is an extract from page 15 of the Quick Selection Tables.

For TS4055, the maximum spacing for the general roof area is 1300mm for end span and 1600mm for internal span of cladding. The maximum spacing for the edge area is 880mm for both end and internal span of cladding.



DESIGN EXAMPLE 2:

Select TOPSPAN® size and spacing(s) for roof application of a building situated in C1 wind region. The TOPSPAN® is supported by 1.2mm thick steel rafters at 2500mm spacings. The roof cladding is 0.42mm BMT SPANDEK®. The roof slope is 7.5°. Since the support spacing is 2500mm, try the TOPSPAN® 61 range. First try the lightest TOPSPAN® 61 section —TS6175:

Therefore to have the least number of rows of TOPSPAN®, select TS6110 with spacings of 790mm for general area and 620mm for edge area. The TOPSPAN® can be either continuous or lapped at the supports, (with minimum of 2 spans).

Alternatively, to have a lighter TOPSPAN®, select TS6175 with spacings of 610mm for general area and 480mm for edge area. The TOPSPAN® can be either continuous or lapped at the support (with minimum of 2 spans).

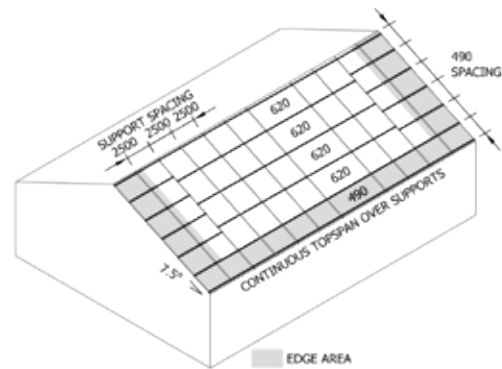
CYCLONIC REGION - ROOF SUPPORT

TS6175 Support thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)													
					TOPSPAN® Span/Support Spacing													
					Single Span (mm)			Continuous Span (mm)					Lapped Span (mm)					
					1500	2000	2500	1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	
SPANDEK® 0.42 4/Sheet	End	C1	2.4	General	960	720	510	1120	1040	620	480	390	1120	1110	610	470	390	
			3.75	Edge	680	550	410	680	680	490	390	320	680	680	480	370	320	
		C2	3.57	General														
			5.58	Edge														
	Internal	C1	2.4	General	960	720	510	1460	1040	620	480	390	1460	1110	610	470	390	
			3.75	Edge	720	550	410	960	800	490	390	320	960	860	480	370	320	
		C2	3.57	General														
			5.58	Edge														

The above table is an extract from page 49 of the Quick Selection Guide tables.

For TS6175, if the TOPSPAN® is continuous over a support, the spacing for the general roof area is 620mm for end span and internal span of cladding. The spacing for the edge area is 490mm for both end and internal span of cladding. If the TOPSPAN® is lapped over a support, the spacing for the general roof area is 610mm for end span and internal span of cladding. The spacing for the edge area is 480mm for both end and internal span of cladding.



Now try a thicker gauge of TOPSPAN® 61 section TS6110:

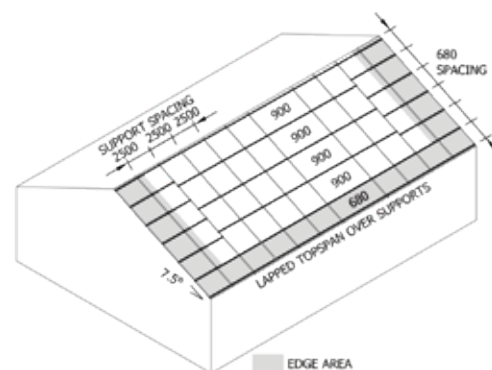
CYCLONIC REGION - ROOF SUPPORT

TS6110 Support thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)															
					TOPSPAN® Span/Support Spacing															
					Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)					
					1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	4000
SPANDEK® 0.42 4/Sheet	End	C1	2.4	General	1120	820	570	460	390	1120	1120	790	600	470	1120	1120	900	690	500	390
			3.75	Edge	680	630	450	360	320	680	680	620	470	380	680	680	680	550	400	320
		C2	3.57	General																
			5.58	Edge																
	Internal	C1	2.4	General	1350	820	570	460	390	1460	1140	790	600	470	1460	1120	900	690	500	390
			3.75	Edge	960	630	450	360	320	960	870	620	470	380	960	850	700	550	400	320
		C2	3.57	General																
			5.58	Edge																

The above table is an extract from page 51 of the Quick selection table.

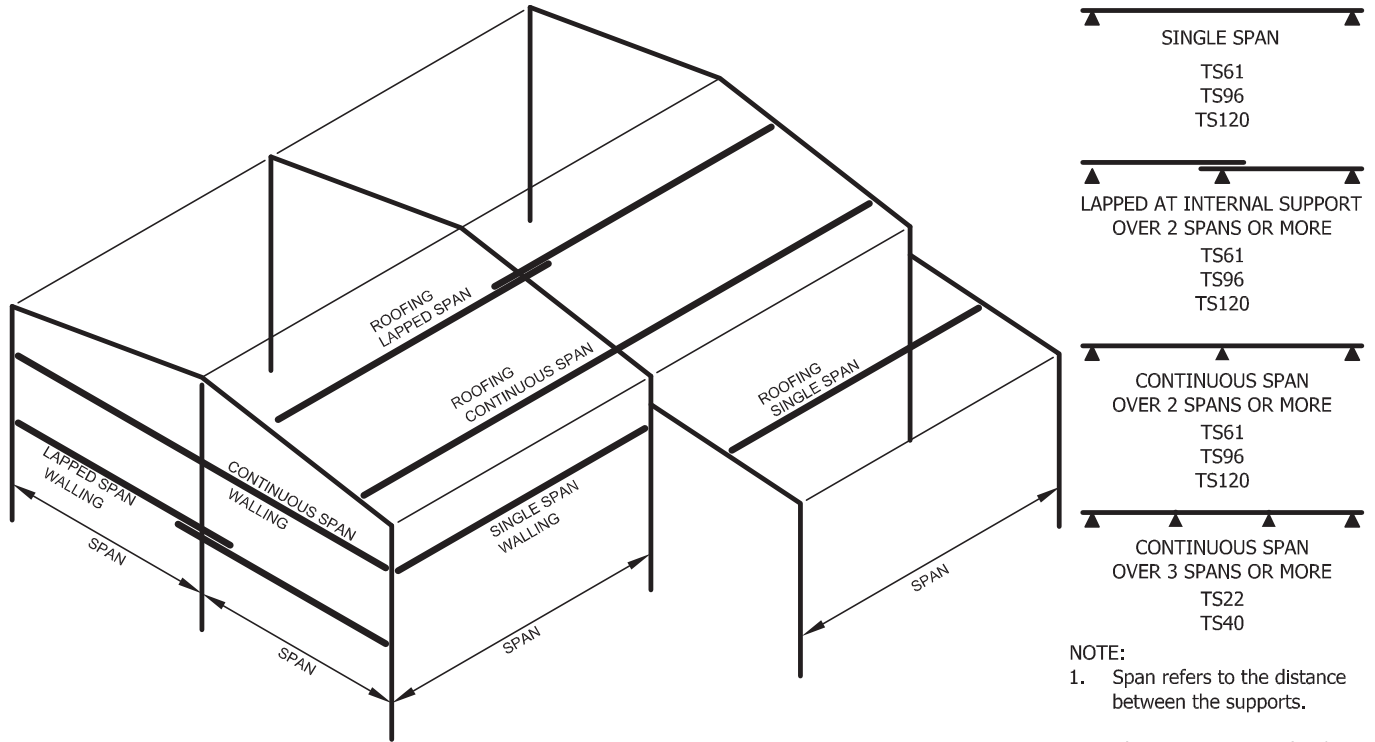
For TS6110, if the TOPSPAN® is continuous over a support, the spacing for the general roof area is 790mm for end span and internal span of cladding. The spacing for the edge area is 620mm for both end and internal span of cladding. If the TOPSPAN® is lapped over a support, the spacing for the general roof area is 900mm for end span and internal span of cladding. The spacing for the edge area is 680 and 700mm for end and internal span of cladding respectively, for simplicity, adopt 680mm.



SPAN CONFIGURATIONS

Figure 4:

Span configurations.



- NOTE:
- Span refers to the distance between the supports.
 - The span is assumed to be equal in all configurations.

CLADDING FASTENERS

LYSAGHT® Profiles	TOPSPAN® (BMT) - Roof (Rib fixed)			
	Non-cyclonic		Cyclonic (without cyclonic washer)	
	≤1mm	1.2mm	1mm	1.2mm
0.42 CUSTOM ORB®	M6-11x50 Roofzips®	M5.5-14x39 AutoTek® #12-14x35 Top Grips®	M6-11x50 Roofzips®	#14-10x50 HH
0.60 CUSTOM BLUE ORB®				
0.42 SPANDEK®				
0.42 TRIMDEK®				

LYSAGHT® Profiles	TOPSPAN® (BMT) - Wall (Pan fixed)			
	Non-cyclonic		Cyclonic	
	≤1mm	1.2mm	1mm	1.2mm
0.42 CUSTOM ORB®	M6-11x25 Roofzips®	#10-16x16 HH	M6-11x25 Roofzips®	#14-10x25 HH
0.60 CUSTOM BLUE ORB®				
0.42 SPANDEK®				
0.42 TRIMDEK®				

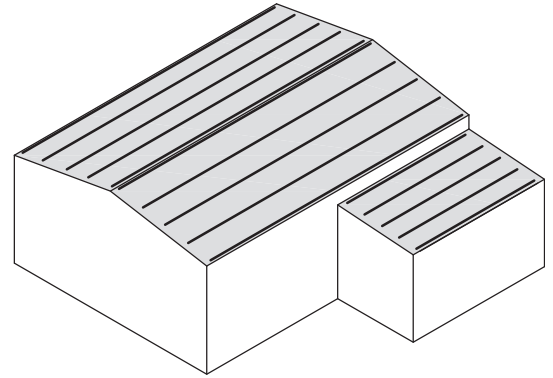
Notes:

- Specifications given are: gauge/threads per inch/length (mm) HH = Hex head # = Imperial gauge M = metric gauge.
- Screw specification as above or equivalent fastener. All screws with EPDM washer.

4.0 Non-cyclonic Region - Index

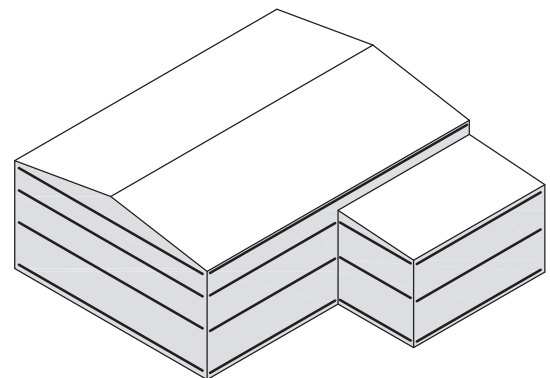
NON-CYCLONIC ROOF

TOPSPAN®	Thickness (mm BMT)	Support Thickness (mm BMT)	Page
TS2242	0.42	0.75	11
TS4048	0.48	0.75	12
TS4048	0.48	1.00	13
TS4055	0.55	0.75	14
TS4055	0.55	1.00	15
TS4075	0.75	0.75	16
TS4075	0.75	1.00	17
TS6175	0.75	1.00	18
TS6175	0.75	1.20	19
TS6110	1.0	1.00	20
TS6110	1.0	1.20	21
TS6112	1.2	1.00	22
TS6112	1.2	1.20	23
TS9675	0.75	1.00	24
TS9675	0.75	1.20	25
TS9610	1.0	1.00	26
TS9610	1.0	1.20	27
TS12070	0.70	1.00	28
TS12070	0.70	1.20	29
TS12090	0.90	1.00	30
TS12090	0.90	1.20	31



NON-CYCLONIC WALL

TOPSPAN®	Thickness (mm BMT)	Support Thickness (mm BMT)	Page
TS6175	0.75	1.00	32
TS6175	0.75	1.20	33
TS6110	1.0	1.00	34
TS6110	1.0	1.20	35
TS6112	1.2	1.00	36
TS6112	1.2	1.20	37
TS9675	0.75	1.00	38
TS9675	0.75	1.20	39
TS9610	1.0	1.00	40
TS9610	1.0	1.20	41
TS12070	0.70	1.00	42
TS12070	0.70	1.20	43
TS12090	0.90	1.00	44
TS12090	0.90	1.20	45



For other selection tables, such as TOPSPAN® 40 in walling applications, refer to the TOPSPAN® Quick Selection Guide Addendum, or seek advice from our information line.

TOPSPAN® 22 CEILING BATTEN

Support thickness 0.75mm BMT.

NOTE: For internal ceiling application only.

TOPSPAN® 2242 for supporting 10mm, 13mm plasterboard.

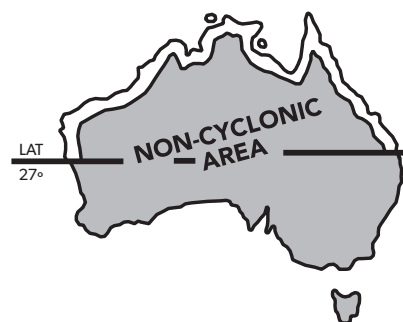
Maximum span of TS2242 = 1200mm

Maximum spacing of TS2242 = 600mm

The above span and spacing are suitable for ceiling applications in wind classifications N1-N5.

Fasten plasterboard to TOPSPAN® 22 with #6-18x25 bugle head needle point screws. Fasten TOPSPAN® 22 to supports with 2 x #10-16x16 hex head screws.

Don't walk on or induce concentrated load on TOPSPAN® 22.



4.1 ROOF

NON-CYCLONIC REGION - ROOF

TS4048 Support Thickness = 0.75mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)				
			Outward	Inward		Continuous TOPSPAN® Span/Support Spacings				
						600mm	900mm	1200mm		
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	890		
			1.92		Edge	900	810	600		
		N3	1.65	1.05	General	900	900	700		
			3.00		Edge	780	520	390		
		N4	2.46	1.56	General	900	630			
			4.47		Edge	520	340			
		N5	3.61	2.30	General					
			6.57		Edge					
		Internal	N2	1.06	0.67	General	1200	1200	1090	
				1.92		Edge	1200	810	600	
	N3		1.65	1.05	General	1200	940	700		
			3.00		Edge	780	520	390		
	N4		2.46	1.56	General	950	630			
			4.47		Edge	520	340			
	N5		3.61	2.30	General					
			6.57		Edge					
	CUSTOM BLUE ORB® 0.60 3/sheet		End	N2	1.06	0.67	General	1600	1470	1090
					1.92		Edge	1220	810	600
N3		1.65		1.05	General	1420	940	700		
		3.00			Edge	780	520	390		
N4		2.46		1.56	General	950	630			
		4.47			Edge	520	340			
N5		3.61		2.30	General					
		6.57			Edge					
Internal		N2		1.06	0.67	General	1800	1470	1090	
				1.92		Edge	1220	810	600	
		N3	1.65	1.05	General	1420	940	700		
			3.00		Edge	780	520	390		
		N4	2.46	1.56	General	950	630			
			4.47		Edge	520	340			
		N5	3.61	2.30	General					
			6.57		Edge					
		TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1090
					1.92		Edge	1220	810	600
N3	1.65			1.05	General	1300	940	700		
	3.00				Edge	780	520	390		
N4	2.46			1.56	General	950	630			
	4.47				Edge	520	340			
N5	3.61			2.30	General					
	6.57				Edge					
Internal	N2			1.06	0.67	General	1900	1470	1090	
				1.92		Edge	1220	810	600	
	N3		1.65	1.05	General	1420	940	700		
			3.00		Edge	780	520	390		
	N4		2.46	1.56	General	950	630			
			4.47		Edge	520	340			
	N5		3.61	2.30	General					
			6.57		Edge					
	SPANDEK® 0.42 3/sheet		End	N2	1.06	0.67	General	1800	1470	1090
					1.92		Edge	1220	810	600
N3		1.65		1.05	General	1420	940	700		
		3.00			Edge	780	520	390		
N4		2.46		1.56	General	950	630			
		4.47			Edge	520	340			
N5		3.61		2.30	General					
		6.57			Edge					
Internal		N2		1.06	0.67	General	2220	1470	1090	
				1.92		Edge	1220	810	600	
		N3	1.65	1.05	General	1420	940	700		
			3.00		Edge	780	520	390		
		N4	2.46	1.56	General	950	630			
			4.47		Edge	520	340			
		N5	3.61	2.30	General					
			6.57		Edge					

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 40 is fastened to 0.75 thick steel support with 2 x #10-16x16 hex head screws to each support.
3. Maximum roof slope is limited to 25° if concentrated load is applied on unclad TOPSPAN® 40.
4. Product is available in Victoria only.

NON-CYCLONIC REGION - ROOF

TS4048 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)			
			Outward	Inward		Continuous TOPSPAN® Span/Support Spacings			
						600mm	900mm	1200mm	
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	890	
			1.92		Edge	900	900	890	
		N3	1.65	1.05	General	900	900	890	
			3.00		Edge	900	880	640	
		N4	2.46	1.56	General	900	900	780	
			4.47		Edge	830	590	420	
		N5	3.61	2.30	General				
			6.57		Edge				
		Internal	N2	1.06	0.67	General	1200	1200	1170
				1.92		Edge	1200	1200	990
	N3		1.65	1.05	General	1200	1200	1140	
			3.00		Edge	1200	880	640	
	N4		2.46	1.56	General	1200	1070	780	
			4.47		Edge	830	590	420	
	N5		3.61	2.30	General				
			6.57		Edge				
CUSTOM BLUE ORB® 0.60 3/sheet	End		N2	1.06	0.67	General	1600	1600	1510
				1.92		Edge	1600	1370	990
		N3	1.65	1.05	General	1600	1600	1140	
			3.00		Edge	1240	880	640	
		N4	2.46	1.56	General	1520	1070	780	
			4.47		Edge	830	590	420	
		N5	3.61	2.30	General				
			6.57		Edge				
		Internal	N2	1.06	0.67	General	1800	1800	1680
				1.92		Edge	1800	1370	990
	N3		1.65	1.05	General	1800	1600	1140	
			3.00		Edge	1240	880	640	
	N4		2.46	1.56	General	1520	1070	780	
			4.47		Edge	830	590	420	
	N5		3.61	2.30	General				
			6.57		Edge				
TRIMDEK® 0.42 4/sheet	End		N2	1.06	0.67	General	1300	1300	1260
				1.92		Edge	1300	1300	990
		N3	1.65	1.05	General	1300	1300	1140	
			3.00		Edge	1300	880	640	
		N4	2.46	1.56	General	1300	1070	780	
			4.47		Edge	880	590	420	
		N5	3.61	2.30	General				
			6.57		Edge				
		Internal	N2	1.06	0.67	General	1900	1900	1700
				1.92		Edge	1900	1370	990
	N3		1.65	1.05	General	1900	1600	1140	
			3.00		Edge	1320	880	640	
	N4		2.46	1.56	General	1610	1070	780	
			4.47		Edge	880	590	420	
	N5		3.61	2.30	General				
			6.57		Edge				
SPANDEK® 0.42 3/sheet	End		N2	1.06	0.67	General	1800	1800	1680
				1.92		Edge	1700	1370	990
		N3	1.65	1.05	General	1800	1600	1140	
			3.00		Edge	1080	880	640	
		N4	2.46	1.56	General	1320	1070	780	
			4.47		Edge	730	590	420	
		N5	3.61	2.30	General				
			6.57		Edge				
		Internal	N2	1.06	0.67	General	2400	2400	1700
				1.92		Edge	1700	1370	990
	N3		1.65	1.05	General	1970	1600	1140	
			3.00		Edge	1080	880	640	
	N4		2.46	1.56	General	1320	1070	780	
			4.47		Edge	730	590	420	
	N5		3.61	2.30	General				
			6.57		Edge				

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 40 is fastened to 1.0mm thick steel support with 2 x #10-16x16 hex head screws to each support.
3. Maximum roof slope is limited to 25° if concentrated load is applied on unclad TOPSPAN® 40.
4. Product is available in Victoria only.

NON-CYCLONIC REGION - ROOF

TS4055 Support Thickness = 0.75mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)		
			Outward	Inward		Continuous TOPSPAN® Span/Support Spacings		
						600mm	900mm	1200mm
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900
			1.92		Edge	900	810	600
		N3	1.65	1.05	General	900	900	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	900	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General	650		
			6.57		Edge	350		
	Internal	N2	1.06	0.67	General	1200	1200	1100
			1.92		Edge	1200	810	600
		N3	1.65	1.05	General	1200	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General	650		
			6.57		Edge	350		
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1470	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1420	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General	650		
			6.57		Edge	350		
	Internal	N2	1.06	0.67	General	1800	1470	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1420	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General	650		
			6.57		Edge	350		
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1300	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General			
			6.57		Edge			
	Internal	N2	1.06	0.67	General	1900	1470	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1420	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General			
			6.57		Edge			
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1470	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1420	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General			
			6.57		Edge			
	Internal	N2	1.06	0.67	General	2220	1470	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1420	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General			
			6.57		Edge			

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 40 is fastened to 0.75 thick steel support with 2 x #10-16x16 hex head screws to each support.
3. Maximum roof slope is limited to 25° if concentrated load is applied on unclad TOPSPAN® 40.

NON-CYCLONIC REGION - ROOF

TS4055 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)		
			Outward	Inward		Continuous TOPSPAN® Span/Support Spacings		
						600mm	900mm	1200mm
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900
			1.92		Edge	900	900	900
		N3	1.65	1.05	General	900	900	900
			3.00		Edge	900	880	660
		N4	2.46	1.56	General	900	900	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General	900	730	540
			6.57		Edge	600	400	300
	Internal	N2	1.06	0.67	General	1200	1200	1200
			1.92		Edge	1200	1200	1030
		N3	1.65	1.05	General	1200	1200	1200
			3.00		Edge	1200	880	660
		N4	2.46	1.56	General	1200	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General	1090	730	540
			6.57		Edge	600	400	300
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1600	1560
			1.92		Edge	1600	1370	1030
		N3	1.65	1.05	General	1600	1600	1200
			3.00		Edge	1320	880	660
		N4	2.46	1.56	General	1600	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General	1090	730	540
			6.57		Edge	600	400	300
	Internal	N2	1.06	0.67	General	1800	1800	1740
			1.92		Edge	1800	1370	1030
		N3	1.65	1.05	General	1800	1600	1200
			3.00		Edge	1320	880	660
		N4	2.46	1.56	General	1610	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General	1090	730	540
			6.57		Edge	600	400	300
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1300
			1.92		Edge	1300	1300	1030
		N3	1.65	1.05	General	1300	1300	1200
			3.00		Edge	1300	880	660
		N4	2.46	1.56	General	1300	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General			
			6.57		Edge			
	Internal	N2	1.06	0.67	General	1900	1900	1800
			1.92		Edge	1900	1370	1030
		N3	1.65	1.05	General	1900	1600	1200
			3.00		Edge	1320	880	660
		N4	2.46	1.56	General	1610	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General			
			6.57		Edge			
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1800	1740
			1.92		Edge	1800	1370	1030
		N3	1.65	1.05	General	1800	1600	1200
			3.00		Edge	1320	880	660
		N4	2.46	1.56	General	1610	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General			
			6.57		Edge			
	Internal	N2	1.06	0.67	General	2400	2400	1800
			1.92		Edge	2060	1370	1030
		N3	1.65	1.05	General	2400	1600	1200
			3.00		Edge	1320	880	660
		N4	2.46	1.56	General	1610	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General			
			6.57		Edge			

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 40 is fastened to 1.0mm thick steel support with 2 x #10-16x16 hex head screws to each support.
3. Maximum roof slope is limited to 25° if concentrated load is applied on unclad TOPSPAN® 40.

NON-CYCLONIC REGION - ROOF

TS4075 Support Thickness = 0.75mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)		
			Outward	Inward		Continuous TOPSPAN® Span/Support Spacings		
						600mm	900mm	1200mm
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900
			1.92		Edge	900	810	600
		N3	1.65	1.05	General	900	900	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	900	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General	650		
			6.57		Edge	350		
	Internal	N2	1.06	0.67	General	1200	1200	1100
			1.92		Edge	1200	810	600
		N3	1.65	1.05	General	1200	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General	650		
			6.57		Edge	350		
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1470	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1420	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General	650		
			6.57		Edge	350		
	Internal	N2	1.06	0.67	General	1800	1470	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1420	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General	650		
			6.57		Edge	350		
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1300	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General			
			6.57		Edge			
	Internal	N2	1.06	0.67	General	1900	1470	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1420	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General			
			6.57		Edge			
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1470	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1420	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General			
			6.57		Edge			
	Internal	N2	1.06	0.67	General	2220	1470	1100
			1.92		Edge	1220	810	600
		N3	1.65	1.05	General	1420	940	700
			3.00		Edge	780	520	390
		N4	2.46	1.56	General	950	630	
			4.47		Edge	520	340	
		N5	3.61	2.30	General			
			6.57		Edge			

- NOTES:
1. Refer to General Notes for design parameters and cladding fastener specification.
 2. TOPSPAN® 40 is fastened to 0.75 thick steel support with 2 x #10-16x16 hex head screws to each support.
 3. Maximum roof slope is limited to 25° if concentrated load is applied on unclad TOPSPAN® 40.

NON-CYCLONIC REGION - ROOF

TS4075 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)		
			Outward	Inward		Continuous TOPSPAN® Span/Support Spacings		
						600mm	900mm	1200mm
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900
			1.92		Edge	900	900	900
		N3	1.65	1.05	General	900	900	900
			3.00		Edge	900	880	660
		N4	2.46	1.56	General	900	900	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General	900	730	540
			6.57		Edge	600	400	300
	Internal	N2	1.06	0.67	General	1200	1200	1200
			1.92		Edge	1200	1200	1030
		N3	1.65	1.05	General	1200	1200	1200
			3.00		Edge	1200	880	660
		N4	2.46	1.56	General	1200	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General	1090	730	540
			6.57		Edge	600	400	300
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1600	1600
			1.92		Edge	1600	1370	1030
		N3	1.65	1.05	General	1600	1600	1200
			3.00		Edge	1320	880	660
		N4	2.46	1.56	General	1600	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General	1090	730	540
			6.57		Edge	600	400	300
	Internal	N2	1.06	0.67	General	1800	1800	1800
			1.92		Edge	1800	1370	1030
		N3	1.65	1.05	General	1800	1600	1200
			3.00		Edge	1320	880	660
		N4	2.46	1.56	General	1610	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General	1090	730	540
			6.57		Edge	600	400	300
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1300
			1.92		Edge	1300	1300	1030
		N3	1.65	1.05	General	1300	1300	1200
			3.00		Edge	1300	880	660
		N4	2.46	1.56	General	1300	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General			
			6.57		Edge			
	Internal	N2	1.06	0.67	General	1900	1900	1870
			1.92		Edge	1900	1370	1030
		N3	1.65	1.05	General	1900	1600	1200
			3.00		Edge	1320	880	660
		N4	2.46	1.56	General	1610	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General			
			6.57		Edge			
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1800	1800
			1.92		Edge	1800	1370	1030
		N3	1.65	1.05	General	1800	1600	1200
			3.00		Edge	1320	880	660
		N4	2.46	1.56	General	1610	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General			
			6.57		Edge			
	Internal	N2	1.06	0.67	General	2400	2400	1870
			1.92		Edge	2060	1370	1030
		N3	1.65	1.05	General	2400	1600	1200
			3.00		Edge	1320	880	660
		N4	2.46	1.56	General	1610	1070	800
			4.47		Edge	880	590	440
		N5	3.61	2.30	General			
			6.57		Edge			

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 40 is fastened to 1.0mm thick steel support with 2 x #10-16x16 hex head screws to each support.
3. Maximum roof slope is limited to 25° if concentrated load is applied on unclad TOPSPAN® 40.

NON-CYCLONIC REGION - ROOF

TS6175 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																				
						TOPSPAN® Span/Support Spacings																				
						Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)										
						1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000				
Outward	Inward																									
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900	830	590	900	900	890	740	630	450	900	900	880	730	630	540				
			1.92		Edge	900	900	830	620	440	900	750	610	520	460	340	900	730	600	520	460	400				
		N3	1.65	1.05	General	900	900	770	570	900	720	570	470	900	700	560	470									
			3.00		Edge	900	800	530	410	610	480	390	330	600	470	380	330									
		N4	2.46	1.56	General	900	810	520	640	480	630	470														
			4.47		Edge	750	540	350	410	320	400	310														
	N5	3.61	2.30	General	800	550																				
		6.57		Edge	510	360																				
	Internal	N2	1.06	0.67	General	1200	1200	1200	840	590	1200	1120	890	740	630	450	1200	1090	880	730	630	540				
			1.92		Edge	1200	1200	830	620	440	950	750	610	520	460	340	940	730	600	520	460	400				
		N3	1.65	1.05	General	1200	1200	770	570	390	950	720	570	470	930	700	560	470								
			3.00		Edge	1120	800	530	410	610	480	390	330	600	470	380	330									
N4		2.46	1.56	General	1180	810	520	640	480	630	470															
		4.47		Edge	750	540	350	410	320	400	310															
N5	3.61	2.30	General	800	550																					
	6.57		Edge	510	360																					
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1600	1210	840	590	1490	1120	890	740	630	450	1460	1090	880	730	630	540				
			1.92		Edge	1600	1270	840	630	450	970	760	620	530	470	350	950	740	610	530	460	410				
		N3	1.65	1.05	General	1600	1200	770	570	390	950	720	570	470	410	930	700	560	470							
			3.00		Edge	1140	810	530	420	300	620	480	400	340	300	600	470	390	330							
		N4	2.46	1.56	General	1180	810	520	640	480	630	470														
			4.47		Edge	760	540	360	410	320	400	320														
	N5	3.61	2.30	General	800	550																				
		6.57		Edge	520	370																				
	Internal	N2	1.06	0.67	General	1800	1800	1210	840	590	1490	1120	890	740	630	450	1460	1090	880	730	630	540				
			1.92		Edge	1780	1270	840	630	450	970	760	620	530	470	350	950	740	610	530	460	410				
		N3	1.65	1.05	General	1750	1200	770	570	390	950	720	570	470	410	930	700	560	470							
			3.00		Edge	1140	810	530	420	300	620	480	400	340	300	600	470	390	330							
N4		2.46	1.56	General	1180	810	520	640	480	630	470															
		4.47		Edge	760	540	360	410	320	400	320															
N5	3.61	2.30	General	800	550																					
	6.57		Edge	520	370																					
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1210	840	590	1300	1120	890	740	630	450	1300	1090	880	730	630	540				
			1.92		Edge	1300	1300	860	650	460	990	780	640	550	480	360	970	760	620	540	480	420				
		N3	1.65	1.05	General	1300	1200	770	570	390	950	720	570	470	410	930	700	560	470	400						
			3.00		Edge	1160	840	550	430	310	630	500	410	350	310	620	480	400	340	300						
		N4	2.46	1.56	General	1180	810	520	640	480	630	470														
			4.47		Edge	780	560	370	420	330	420	330														
	N5	3.61	2.30	General	800	550																				
		6.57		Edge	530	380																				
	Internal	N2	1.06	0.67	General	1900	1880	1210	840	590	1490	1120	890	740	630	450	1460	1090	880	730	630	540				
			1.92		Edge	1820	1310	860	650	460	990	780	640	550	480	360	970	760	620	540	480	420				
		N3	1.65	1.05	General	1750	1200	770	570	390	950	720	570	470	410	930	700	560	470	400						
			3.00		Edge	1160	840	550	430	310	630	500	410	350	310	620	480	400	340	300						
N4		2.46	1.56	General	1180	810	520	640	480	630	470															
		4.47		Edge	780	560	370	420	330	420	330															
N5	3.61	2.30	General	800	550																					
	6.57		Edge	530	380																					
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1800	1210	840	590	1490	1120	890	740	630	450	1460	1090	880	730	630	540				
			1.92		Edge	1800	1310	870	650	460	990	780	650	550	490	360	980	760	630	540	480	420				
		N3	1.65	1.05	General	1750	1200	770	570	390	950	720	570	470	410	930	700	560	470	400						
			3.00		Edge	1170	840	560	430	310	630	500	410	350	310	620	490	400	350	300						
		N4	2.46	1.56	General	1180	810	520	640	480	630	470														
			4.47		Edge	780	560	370	420	330	420	330														
	N5	3.61	2.30	General	800	550																				
		6.57		Edge	530	380																				
	Internal	N2	1.06	0.67	General	2400	1880	1210	840	590	1490	1120	890	740	630	450	1460	1090	880	730	630	540				
			1.92		Edge	1830	1310	870	650	460	990	780	650	550	490	360	980	760	630	540	480	420				
		N3	1.65	1.05	General	1750	1200	770	570	390	950	720	570	470	410	930	700	560	470	400						
			3.00		Edge	1170	840	560	430	310	630	500	410	350	310	620	490	400	350	300						
N4		2.46	1.56	General	1180	810	520	640	480	630	470															
		4.47		Edge	780	560	370	420	330	420	330															
N5	3.61	2.30	General	800	550																					
	6.57		Edge	530	380																					

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.0mm thick steel support with 2 x #12-14x20 hex head screws to each support.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 61.

NON-CYCLONIC REGION - ROOF

TS6175 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																
						TOPSPAN® Span/Support Spacings																
			Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)									
			Outward	Inward		1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900	830	590	900	900	900	900	820	590	900	900	900	900	850	730
			1.92		Edge	900	900	830	620	440	900	900	830	710	620	450	900	900	810	700	610	540
		N3	1.65	1.05	General	900	900	770	570		900	900	780	640	550	400	900	900	760	630	540	470
			3.00		Edge	900	800	530	410		830	650	530	450	400	300	810	640	520	450	390	340
		N4	2.46	1.56	General	900	810	520			870	650	520	430			850	640	510	420		
			4.47		Edge	750	540	350			560	430	360	300			550	430	350	300		
	N5	3.61	2.30	General	800	550				590						580						
		6.57		Edge	510	360				380						370						
	Internal	N2	1.06	0.67	General	1200	1200	1200	840	590	1200	1200	1200	1010	820	590	1200	1200	1190	990	850	730
			1.92		Edge	1200	1200	830	620	440	1200	1020	830	710	620	450	1200	1000	810	700	610	540
		N3	1.65	1.05	General	1200	1200	770	570		1200	970	780	640	550	400	1200	950	760	630	540	470
			3.00		Edge	1120	800	530	410		830	650	530	450	400	300	810	640	520	450	390	340
N4		2.46	1.56	General	1180	810	520			870	650	520	430			850	640	510	420			
		4.47		Edge	750	540	350			560	430	360	300			550	430	350	300			
N5	3.61	2.30	General	800	550				590						580							
	6.57		Edge	510	360				380						370							
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1600	1210	840	590	1600	1520	1220	1010	820	590	1600	1490	1190	990	850	730
			1.92		Edge	1600	1270	840	630	450	1320	1030	840	720	630	460	1290	1010	820	710	620	550
		N3	1.65	1.05	General	1600	1200	770	570	390	1300	970	780	640	550	400	1270	950	760	630	540	470
			3.00		Edge	1140	810	530	420	300	840	660	540	460	410	310	820	640	530	450	400	350
		N4	2.46	1.56	General	1180	810	520			870	650	520	430			850	640	510	420		
			4.47		Edge	760	540	360			560	440	360	310			550	430	350	300		
	N5	3.61	2.30	General	800	550				590	440					580						
		6.57		Edge	520	370				380	300					370						
	Internal	N2	1.06	0.67	General	1800	1800	1210	840	590	1800	1520	1220	1010	820	590	1800	1490	1190	990	850	730
			1.92		Edge	1780	1270	840	630	450	1320	1030	840	720	630	460	1290	1010	820	710	620	550
		N3	1.65	1.05	General	1750	1200	770	570	390	1300	970	780	640	550	400	1270	950	760	630	540	470
			3.00		Edge	1140	810	530	420	300	840	660	540	460	410	310	820	640	530	450	400	350
N4		2.46	1.56	General	1180	810	520			870	650	520	430			850	640	510	420			
		4.47		Edge	760	540	360			560	440	360	310			550	430	350	300			
N5	3.61	2.30	General	800	550				590	440					580							
	6.57		Edge	520	370				380	300					370							
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1210	840	590	1300	1300	1220	1010	820	590	1300	1300	1190	990	850	730
			1.92		Edge	1300	1300	860	650	460	1300	1060	870	740	650	470	1300	1040	850	730	640	560
		N3	1.65	1.05	General	1300	1200	770	570	390	1300	970	780	640	550	400	1270	950	760	630	540	470
			3.00		Edge	1160	840	550	430	310	860	670	550	470	420	320	850	660	540	460	410	360
		N4	2.46	1.56	General	1180	810	520			870	650	520	430			850	640	510	420		
			4.47		Edge	780	560	370			580	450	370	320			570	440	360	310		
	N5	3.61	2.30	General	800	550				590	440					580	430					
		6.57		Edge	530	380				390	310					380	300					
	Internal	N2	1.06	0.67	General	1900	1880	1210	840	590	1900	1520	1220	1010	820	590	1900	1490	1190	990	850	730
			1.92		Edge	1820	1310	860	650	460	1350	1060	870	740	650	470	1320	1040	850	730	640	560
		N3	1.65	1.05	General	1750	1200	770	570	390	1300	970	780	640	550	400	1270	950	760	630	540	470
			3.00		Edge	1160	840	550	430	310	860	670	550	470	420	320	850	660	540	460	410	360
N4		2.46	1.56	General	1180	810	520			870	650	520	430			850	640	510	420			
		4.47		Edge	780	560	370			580	450	370	320			570	440	360	310			
N5	3.61	2.30	General	800	550				590	440					580	430						
	6.57		Edge	530	380				390	310					380	300						
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1800	1210	840	590	1800	1520	1220	1010	820	590	1800	1490	1190	990	850	730
			1.92		Edge	1800	1310	870	650	460	1360	1060	880	750	650	480	1330	1040	860	730	640	570
		N3	1.65	1.05	General	1750	1200	770	570	390	1300	970	780	640	550	400	1270	950	760	630	540	470
			3.00		Edge	1170	840	560	430	310	870	680	560	480	420	320	850	660	550	470	410	360
		N4	2.46	1.56	General	1180	810	520			870	650	520	430			850	640	510	420		
			4.47		Edge	780	560	370			580	450	380	320			570	450	370	310		
	N5	3.61	2.30	General	800	550				590	440					580	430					
		6.57		Edge	530	380				390	310					380	300					
	Internal	N2	1.06	0.67	General	2400	1880	1210	840	590	2030	1520	1220	1010	820	590	1990	1490	1190	990	850	730
			1.92		Edge	1830	1310	870	650	460	1360	1060	880	750	650	480	1330	1040	860	730	640	570
		N3	1.65	1.05	General	1750	1200	770	570	390	1300	970	780	640	550	400	1270	950	760	630	540	470
			3.00		Edge	1170	840	560	430	310	870	680	560	480	420	320	850	660	550	470	410	360
N4		2.46	1.56	General	1180	810	520			870	650	520	430			850	640	510	420			
		4.47		Edge	780	560	370			580	450	380	320			570	450	370	310			
N5	3.61	2.30	General	800	550				590	440					580	430						
	6.57		Edge	530	380				390	310					380	300						

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.2mm thick steel support with 2 x #12-14x20 hex head screws to each support.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 61.

NON-CYCLONIC REGION - ROOF

TS6110 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																	
						TOPSPAN® Span/Support Spacings																	
			Outward Inward			Single Span (mm)						Continuous Span (mm)						Lapped Span (mm)					
						1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900	900	900	780	900	900	890	740	640	550	900	900	880	730	630	540
			1.92		Edge	900	900	900	900	750	570	900	740	610	520	460	400	900	720	590	510	450	400
		N3	1.65	1.05	General	900	900	900	830	670	500	900	720	570	470			900	700	560	470		
			3.00		Edge	900	900	710	580	480	360	600	470	390	330			590	460	380	330		
		N4	2.46	1.56	General	900	900	700	560	450			640	480				630	470				
			4.47		Edge	900	690	460	390	320			400	320				400	310				
	N5	3.61	2.30	General	900	700	460																
		6.57		Edge	630	460	320																
	Internal	N2	1.06	0.67	General	1200	1200	1200	1200	1050	780	1200	1120	890	740	640	550	1200	1090	880	730	630	540
			1.92		Edge	1200	1200	1110	910	750	570	940	740	610	520	460	400	930	720	590	510	450	400
		N3	1.65	1.05	General	1200	1200	1050	830	670	500	950	720	570	470			930	700	560	470		
			3.00		Edge	1200	1020	710	580	480	360	600	470	390	330			590	460	380	330		
N4		2.46	1.56	General	1200	1040	700	560	450			640	480				630	470					
		4.47		Edge	930	690	480	390	320			400	320				400	310					
N5	3.61	2.30	General	1000	700	480																	
	6.57		Edge	630	460	320																	
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1600	1600	1300	1050	780	1490	1120	890	740	640	550	1460	1090	880	730	630	540
			1.92		Edge	1600	1600	1130	920	760	580	960	750	610	530	460	410	940	730	600	520	460	400
		N3	1.65	1.05	General	1600	1550	1050	830	670	500	950	720	570	470	410		930	700	560	470		
			3.00		Edge	1410	1040	720	590	490	370	610	480	390	330	300		600	470	380	330		
		N4	2.46	1.56	General	1470	1040	700	560	450			640	480				630	470				
			4.47		Edge	940	690	480	390	320			410	320				400	310				
	N5	3.61	2.30	General	1000	700	480																
		6.57		Edge	640	470	330																
	Internal	N2	1.06	0.67	General	1800	1800	1640	1300	1050	780	1490	1120	890	740	640	550	1460	1090	880	730	630	540
			1.92		Edge	1800	1620	1130	920	760	580	960	750	610	530	460	410	940	730	600	520	460	400
		N3	1.65	1.05	General	1800	1550	1050	830	670	500	950	720	570	470	410		930	700	560	470		
			3.00		Edge	1410	1040	720	590	490	370	610	480	390	330	300		600	470	380	330		
N4		2.46	1.56	General	1470	1040	700	560	450			640	480				630	470					
		4.47		Edge	940	690	460	390	320			410	320				400	310					
N5	3.61	2.30	General	1000	700	480																	
	6.57		Edge	640	470	330																	
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1300	1300	1050	780	1300	1120	890	740	640	550	1300	1090	880	730	630	540
			1.92		Edge	1300	1300	1160	950	780	590	980	770	630	540	480	420	960	750	620	530	470	410
		N3	1.65	1.05	General	1300	1300	1050	830	670	500	950	720	570	470	410		930	700	560	470	400	
			3.00		Edge	1300	1060	740	610	500	380	630	490	400	340	300		610	480	390	340		
		N4	2.46	1.56	General	1300	1040	700	560	450			640	480				630	470				
			4.47		Edge	970	710	500	410	330			420	330				410	320				
	N5	3.61	2.30	General	1000	700	460																
		6.57		Edge	660	480	340																
	Internal	N2	1.06	0.67	General	1900	1900	1640	1300	1050	780	1490	1120	890	740	640	550	1460	1090	880	730	630	540
			1.92		Edge	1900	1670	1160	950	780	590	980	770	630	540	480	420	960	750	620	530	470	410
		N3	1.65	1.05	General	1900	1550	1050	830	670	500	950	720	570	470	410		930	700	560	470	400	
			3.00		Edge	1440	1060	740	610	500	380	630	490	400	340	300		610	480	390	340	300	
N4		2.46	1.56	General	1470	1040	700	560	450			640	480				630	470					
		4.47		Edge	970	710	500	410	330			420	330				410	320					
N5	3.61	2.30	General	1000	700	480																	
	6.57		Edge	660	480	340																	
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1800	1640	1300	1050	780	1490	1120	890	740	640	550	1460	1090	880	730	630	540
			1.92		Edge	1800	1670	1180	950	790	600	980	770	640	540	480	430	970	760	630	540	470	420
		N3	1.65	1.05	General	1800	1550	1050	830	670	500	950	720	570	470	410		930	700	560	470	400	
			3.00		Edge	1450	1070	750	610	500	380	630	490	410	350	310		620	480	400	340	300	
		N4	2.46	1.56	General	1470	1040	700	560	450			640	480				630	470				
			4.47		Edge	970	720	500	410	340			420	330				410	320				
	N5	3.61	2.30	General	1000	700	480																
		6.57		Edge	660	490	340																
	Internal	N2	1.06	0.67	General	2400	2400	1640	1300	1050	780	1490	1120	890	740	640	550	1460	1090	880	730	630	540
			1.92		Edge	2270	1670	1180	950	790	600	980	770	640	540	480	430	970	760	630	540	470	420
		N3	1.65	1.05	General	2200	1550	1050	830	670	500	950	720	570	470	410		930	700	560	470	400	
			3.00		Edge	1450	1070	750	610	500	380	630	490	410	350	310		620	480	400	340	300	
N4		2.46	1.56	General	1470	1040	700	560	450			640	480				630	470					
		4.47		Edge	970	720	500	410	340			420	330				410	320					
N5	3.61	2.30	General	1000	700	460																	
	6.57		Edge	660	490	340																	

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.0mm thick steel support with 2 x #12-14x20 hex head screws to each support.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 61.

NON-CYCLONIC REGION - ROOF

TS6110 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																	
						TOPSPAN® Span/Support Spacings																	
			Single Span (mm)						Continuous Span (mm)				Lapped Span (mm)										
			Outward	Inward		1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900	900	900	780	900	900	900	900	870	760	900	900	900	900	850	740
			1.92		Edge	900	900	900	900	750	570	900	900	820	700	620	550	900	900	810	690	610	540
		N3	1.65	1.05	General	900	900	900	830	670	500	900	900	780	640	550	490	900	900	760	630	540	470
			3.00		Edge	900	900	710	580	480	360	820	640	530	450	400	350	810	630	510	440	390	340
		N4	2.46	1.56	General	900	900	700	560	450		870	650	520	430			850	640	510			
			4.47		Edge	900	690	480	390	320		550	430	350	300			540	420	340			
	N5	3.61	2.30	General	900	700	480				590						580						
		6.57		Edge	630	460	320				370						370						
	Internal	N2	1.06	0.67	General	1200	1200	1200	1200	1050	780	1200	1200	1200	1010	870	760	1200	1200	1190	990	850	740
			1.92		Edge	1200	1200	1110	910	750	570	1200	1010	820	700	620	550	1200	990	810	690	610	540
		N3	1.65	1.05	General	1200	1200	1050	830	670	500	1200	970	780	640	550	490	1200	950	760	630	540	470
			3.00		Edge	1200	1020	710	580	480	360	820	640	530	450	400	350	810	630	510	440	390	340
N4		2.46	1.56	General	1200	1040	700	560	450		870	650	520	430			850	640	510				
		4.47		Edge	930	690	480	390	320		550	430	350	300			540	420	340				
N5	3.61	2.30	General	1000	700	480				590						580							
	6.57		Edge	630	460	320				370						370							
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1600	1600	1300	1050	780	1600	1520	1220	1010	870	760	1600	1490	1190	990	850	740
			1.92		Edge	1600	1600	1130	920	760	580	1300	1020	840	710	630	560	1280	1000	820	700	620	550
		N3	1.65	1.05	General	1600	1550	1050	830	670	500	1300	970	780	640	550	490	1270	950	760	630	540	470
			3.00		Edge	1410	1040	720	590	490	370	830	650	530	460	400	360	820	640	520	450	390	350
		N4	2.46	1.56	General	1470	1040	700	560	450		870	650	520	430			850	640	510	420		
			4.47		Edge	940	690	480	390	320		560	440	360	300			550	430	350	300		
	N5	3.61	2.30	General	1000	700	480				590						580						
		6.57		Edge	640	470	330				380						370						
	Internal	N2	1.06	0.67	General	1800	1800	1640	1300	1050	780	1800	1520	1220	1010	870	760	1800	1490	1190	990	850	740
			1.92		Edge	1800	1620	1130	920	760	580	1300	1020	840	710	630	560	1280	1000	820	700	620	550
		N3	1.65	1.05	General	1800	1550	1050	830	670	500	1300	970	780	640	550	490	1270	950	760	630	540	470
			3.00		Edge	1410	1040	720	590	490	370	830	650	530	460	400	360	820	640	520	450	390	350
N4		2.46	1.56	General	1470	1040	700	560	450		870	650	520	430			850	640	510	420			
		4.47		Edge	940	690	480	390	320		560	440	360	300			550	430	350	300			
N5	3.61	2.30	General	1000	700	480				590						580							
	6.57		Edge	640	470	330				380						370							
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1300	1300	1050	780	1300	1300	1220	1010	870	760	1300	1300	1190	990	850	740
			1.92		Edge	1300	1300	1160	950	780	590	1300	1050	860	730	650	580	1300	1030	840	720	630	570
		N3	1.65	1.05	General	1300	1300	1050	830	670	500	1300	970	780	640	550	490	1270	950	760	630	540	470
			3.00		Edge	1300	1060	740	610	500	380	850	670	550	470	410	370	840	660	530	460	400	360
		N4	2.46	1.56	General	1300	1040	700	560	450		870	650	520	430			850	640	510	420		
			4.47		Edge	970	710	500	410	330		570	450	370	310			560	440	360	310		
	N5	3.61	2.30	General	1000	700	480				590	440					580	430					
		6.57		Edge	660	480	340				390	300					380	300					
	Internal	N2	1.06	0.67	General	1900	1900	1640	1300	1050	780	1900	1520	1220	1010	870	760	1900	1490	1190	990	850	740
			1.92		Edge	1900	1670	1160	950	780	590	1340	1050	860	730	650	580	1310	1030	840	720	630	570
		N3	1.65	1.05	General	1900	1550	1050	830	670	500	1300	970	780	640	550	490	1270	950	760	630	540	470
			3.00		Edge	1440	1060	740	610	500	380	850	670	550	470	410	370	840	660	530	460	400	360
N4		2.46	1.56	General	1470	1040	700	560	450		870	650	520	430			850	640	510	420			
		4.47		Edge	970	710	500	410	330		570	450	370	310			560	440	360	310			
N5	3.61	2.30	General	1000	700	480				590	440					580	430						
	6.57		Edge	660	480	340				390	300					380	300						
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1800	1640	1300	1050	780	1800	1520	1220	1010	870	760	1800	1490	1190	990	850	740
			1.92		Edge	1800	1670	1180	950	790	600	1340	1050	870	740	650	590	1320	1030	850	720	640	570
		N3	1.65	1.05	General	1800	1550	1050	830	670	500	1300	970	780	640	550	490	1270	950	760	630	540	470
			3.00		Edge	1450	1070	750	610	500	380	860	670	560	470	410	370	840	660	540	460	410	360
		N4	2.46	1.56	General	1470	1040	700	560	450		870	650	520	430			850	640	510	420		
			4.47		Edge	970	720	500	410	340		570	450	370	310			560	440	360	310		
	N5	3.61	2.30	General	1000	700	480				590	440					580	430					
		6.57		Edge	660	490	340				390	300					380	300					
	Internal	N2	1.06	0.67	General	2400	2400	1640	1300	1050	780	2030	1520	1220	1010	870	760	1990	1490	1190	990	850	740
			1.92		Edge	2270	1670	1180	950	790	600	1340	1050	870	740	650	590	1320	1030	850	720	640	570
		N3	1.65	1.05	General	2200	1550	1050	830	670	500	1300	970	780	640	550	490	1270	950	760	630	540	470
			3.00		Edge	1450	1070	750	610	500	380	860	670	560	470	410	370	840	660	540	460	410	360
N4		2.46	1.56	General	1470	1040	700	560	450		870	650	520	430			850	640	510	420			
		4.47		Edge	970	720	500	410	340		570	450	370	310			560	440	360	310			
N5	3.61	2.30	General	1000	700	480				590	440					580							

NON-CYCLONIC REGION - ROOF

TS6112 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																					
						TOPSPAN® Span/Support Spacings																					
			Single Span (mm)								Continuous Span (mm)					Lapped Span (mm)											
			Outward	Inward		2000	2500	3000	3500	4000	4500	5000	5500	2000	2500	3000	3500	4000	2000	2500	3000	3500	4000	4500	5000	5500	
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900	900	800	710	580	430	900	890	740	640	550	900	880	730	630	540	490	440	390	
			1.92		Edge	900	900	900	770	580	520	440	340	740	600	520	450	400	720	590	510	450	390	360	330	300	
		N3	1.65	1.05	General	900	900	900	690	510	450	720	570	470	700	560	470										
			3.00		Edge	900	800	640	490	370	330	470	380	330	460	380	320										
		N4	2.46	1.56	General	900	790	610	460	480	470																
			4.47		Edge	660	530	430	330	310	310																
	N5	3.61	2.30	General	680	540																					
		6.57		Edge	450	360																					
	Internal	N2	1.06	0.67	General	1200	1200	1200	1080	800	710	580	430	1120	890	740	640	550	1090	880	730	630	540	490	440	390	
			1.92		Edge	1200	1200	1000	770	580	520	440	340	740	600	520	450	400	720	590	510	450	390	360	330	300	
		N3	1.65	1.05	General	1200	1180	920	690	510	450	720	570	470	410	350	700	560	470								
			3.00		Edge	980	800	640	490	370	330	470	380	330	460	380	320										
N4		2.46	1.56	General	1000	790	610	460	480	470																	
		4.47		Edge	660	530	430	330	310	310																	
N5	3.61	2.30	General	680	540																						
	6.57		Edge	450	360																						
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1600	1430	1080	800	710	580	430	1120	890	740	640	550	1090	880	730	630	540	490	440	390	
			1.92		Edge	1560	1260	1010	780	590	530	440	340	750	610	520	460	410	730	600	520	450	400	360	340	300	
		N3	1.65	1.05	General	1490	1180	920	690	510	450	720	570	470	700	560	470										
			3.00		Edge	990	810	640	500	370	340	400	390	330	460	380	330										
		N4	2.46	1.56	General	1000	790	610	460	400	470																
			4.47		Edge	670	540	430	330	320	310																
	N5	3.61	2.30	General	680	540																					
		6.57		Edge	450	370																					
	Internal	N2	1.06	0.67	General	1800	1800	1430	1080	800	710	580	430	1120	890	740	640	550	1090	880	730	630	540	490	440	390	
			1.92		Edge	1560	1260	1010	780	590	530	440	340	750	610	520	460	410	730	600	520	450	400	360	340	300	
		N3	1.65	1.05	General	1490	1180	920	690	510	450	720	570	470	700	560	470										
			3.00		Edge	990	810	640	500	370	340	480	390	330	460	380	330										
N4		2.46	1.56	General	1000	790	610	460	480	470																	
		4.47		Edge	670	540	430	330	320	310																	
N5	3.61	2.30	General	680	540																						
	6.57		Edge	450	370																						
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1300	1080	800	710	580	430	1120	890	740	640	550	1090	880	730	630	540	490	440	390	
			1.92		Edge	1300	1300	1040	810	600	540	460	350	770	630	540	470	420	750	610	530	470	410	380	350	310	
		N3	1.65	1.05	General	1300	1180	920	690	510	450	720	570	470	410	700	560	470	400								
			3.00		Edge	1020	830	660	510	380	350	490	400	340	300	480	390	340	300								
		N4	2.46	1.56	General	1000	790	610	460	480	470																
			4.47		Edge	680	560	440	340	330	320																
	N5	3.61	2.30	General	680	540	420																				
		6.57		Edge	460	380	300																				
	Internal	N2	1.06	0.67	General	1900	1850	1430	1080	800	710	580	430	1120	890	740	640	550	1090	880	730	630	540	490	440	390	
			1.92		Edge	1600	1300	1040	810	600	540	460	350	770	630	540	470	420	750	610	530	470	410	380	350	310	
		N3	1.65	1.05	General	1490	1180	920	690	510	450	720	570	470	410	700	560	470	400								
			3.00		Edge	1020	830	660	510	380	350	490	400	340	300	480	390	340	300								
N4		2.46	1.56	General	1000	790	610	460	480	470																	
		4.47		Edge	680	560	440	340	330	320																	
N5	3.61	2.30	General	680	540	420																					
	6.57		Edge	460	380	300																					
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1800	1430	1080	800	710	580	430	1120	890	740	640	550	1090	880	730	630	540	490	440	390	
			1.92		Edge	1600	1320	1040	810	610	550	460	360	770	640	540	480	420	750	620	530	470	420	380	350	320	
		N3	1.65	1.05	General	1490	1180	920	690	510	450	720	570	470	410	700	560	470	400								
			3.00		Edge	1020	840	670	520	390	350	490	410	340	300	480	400	340	300								
		N4	2.46	1.56	General	1000	790	610	460	480	470																
			4.47		Edge	690	560	450	350	330	320																
	N5	3.61	2.30	General	680	540	420																				
		6.57		Edge	460	380	300																				
	Internal	N2	1.06	0.67	General	2330	1850	1430	1080	800	710	580	430	1120	890	740	640	550	1090	880	730	630	540	490	440	390	
			1.92		Edge	1600	1320	1040	810	610	550	460	360	770	640	540	480	420	750	620	530	470	420	380	350	320	
		N3	1.65	1.05	General	1490	1180	920	690	510	450	720	570	470	410	700	560	470	400								
			3.00		Edge	1020	840	670	520	390	350	490	410	340	300	480	400	340	300								
N4		2.46	1.56	General	1000	790	610	460	480	470																	
		4.47		Edge	690	560	450	350	330	320																	
N5	3.61	2.30	General	680	540	420																					
	6.57		Edge	460	380	300																					

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.0mm thick steel support with 2 x #12-14x20 hex head screws to each support.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 61.

NON-CYCLONIC REGION - ROOF

TS6112 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																							
						TOPSPAN® Span/Support Spacings																							
			Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)																
			Outward	Inward		2000	2500	3000	3500	4000	4500	5000	5500	2000	2500	3000	3500	4000	2000	2500	3000	3500	4000	4500	5000	5500	6000		
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900	900	800	710	580	430	900	900	900	870	760	900	900	900	850	740	660	590	530	490		
			1.92		Edge	900	900	900	770	580	520	440	340	900	820	700	620	550	900	800	690	600	540	490	440	410	380		
		N3	1.65	1.05	General	900	900	900	690	510	450	900	780	640	550	490	900	760	630	540	470	420							
			3.00		Edge	900	800	640	490	370	330	640	520	450	390	350	630	510	440	380	340	310							
		N4	2.46	1.56	General	900	790	610	460	650	520	430	640	510															
			4.47		Edge	660	530	430	330	430	350	300	420	340															
	N5	3.61	2.30	General	680	540																							
		6.57		Edge	450	360																							
	Internal	N2	1.06	0.67	General	1200	1200	1200	1080	800	710	580	430	1200	1200	1010	870	760	1200	1190	990	850	740	660	590	530	490		
			1.92		Edge	1200	1200	1000	770	580	520	440	340	1000	820	700	620	550	980	800	690	600	540	490	440	410	380		
		N3	1.65	1.05	General	1200	1180	920	690	510	450	970	780	640	550	490	950	760	630	540	470	420							
			3.00		Edge	980	800	640	490	370	330	640	520	450	390	350	630	510	440	380	340	310							
N4		2.46	1.56	General	1000	790	610	460	650	520	430	640	510																
		4.47		Edge	660	530	430	330	430	350	300	420	340																
N5	3.61	2.30	General	680	540																								
	6.57		Edge	450	360																								
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1600	1430	1080	800	710	580	430	1520	1220	1010	870	760	1490	1190	990	850	740	660	590	530	490		
			1.92		Edge	1560	1260	1010	780	590	530	440	340	1010	830	710	630	560	990	810	700	610	540	490	450	410	390		
		N3	1.65	1.05	General	1490	1180	920	690	510	450	970	780	640	550	490	950	760	630	540	470	420							
			3.00		Edge	990	810	640	500	370	340	650	530	450	400	360	630	520	440	390	350	310							
		N4	2.46	1.56	General	1000	790	610	460	650	520	430	640	510	420														
			4.47		Edge	670	540	430	330	430	350	300	420	350	300														
	N5	3.61	2.30	General	680	540																							
		6.57		Edge	450	370																							
	Internal	N2	1.06	0.67	General	1800	1800	1430	1080	800	710	580	430	1520	1220	1010	870	760	1490	1190	990	850	740	660	590	530	490		
			1.92		Edge	1560	1260	1010	780	590	530	440	340	1010	830	710	630	560	990	810	700	610	540	490	450	410	390		
		N3	1.65	1.05	General	1490	1180	920	690	510	450	970	780	640	550	490	950	760	630	540	470	420							
			3.00		Edge	990	810	640	500	370	340	650	530	450	400	360	630	520	440	390	350	310							
N4		2.46	1.56	General	1000	790	610	460	650	520	430	640	510	420															
		4.47		Edge	670	540	430	330	430	350	300	420	350	300															
N5	3.61	2.30	General	680	540																								
	6.57		Edge	450	370																								
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1300	1080	800	710	580	430	1300	1220	1010	870	760	1300	1190	990	850	740	660	590	530	490		
			1.92		Edge	1300	1300	1040	810	600	540	460	350	1040	850	730	640	580	1020	830	720	630	560	510	470	430	400		
		N3	1.65	1.05	General	1300	1180	920	690	510	450	970	780	640	550	490	950	760	630	540	470	420	380						
			3.00		Edge	1020	830	660	510	380	350	660	540	460	410	370	650	530	460	400	360	320	300						
		N4	2.46	1.56	General	1000	790	610	460	650	520	430	640	510	420														
			4.47		Edge	680	560	440	340	440	360	310	440	360	300														
	N5	3.61	2.30	General	680	540	420																						
		6.57		Edge	460	380	300																						
	Internal	N2	1.06	0.67	General	1900	1850	1430	1080	800	710	580	430	1520	1220	1010	870	760	1490	1190	990	850	740	660	590	530	490		
			1.92		Edge	1600	1300	1040	810	600	540	460	350	1040	850	730	640	580	1020	830	720	630	560	510	470	430	400		
		N3	1.65	1.05	General	1490	1180	920	690	510	450	970	780	640	550	490	950	760	630	540	470	420	380						
			3.00		Edge	1020	830	660	510	380	350	660	540	460	410	370	650	530	460	400	360	320	300						
N4		2.46	1.56	General	1000	790	610	460	650	520	430	640	510	420															
		4.47		Edge	680	560	440	340	440	360	310	440	360	300															
N5	3.61	2.30	General	680	540	420																							
	6.57		Edge	460	380	300																							
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1800	1430	1080	800	710	580	430	1520	1220	1010	870	760	1490	1190	990	850	740	660	590	530	490		
			1.92		Edge	1600	1320	1040	810	610	550	460	360	1040	870	730	650	580	1020	850	720	630	570	510	470	430	410		
		N3	1.65	1.05	General	1490	1180	920	690	510	450	970	780	640	550	490	950	760	630	540	470	420	380						
			3.00		Edge	1020	840	670	520	390	350	670	550	470	410	370	650	540	460	400	360	320	300						
		N4	2.46	1.56	General	1000	790	610	460	650	520	430	640	510	420														
			4.47		Edge	690	560	450	350	450	370	310	440	360	310														
	N5	3.61	2.30	General	680	540	420																						
		6.57		Edge	460	380	300																						
	Internal	N2	1.06	0.67	General	2330	1850	1430	1080	800	710	580	430	1520	1220	1010	870	760	1490	1190	990	850	740	660	590	530	490		
			1.92		Edge	1600	1320	1040	810	610	550	460	360	1040	870	730	650	580	1020	850	720	630	570	510	470	430	410		
		N3	1.65	1.05	General	1490	1180	920	690	510	450	970	780	640	550	490	950	760	630	540	470	420	380						
			3.00		Edge	1020	840	670	520	390	350	670	550	470	410	370	650	540	460	400	360	320	300						
N4		2.46	1.56	General	1000	790	610	460	650	520	430	640	510	420															
		4.47		Edge	690	560	450	350	450	370	310	440																	

NON-CYCLONIC REGION - ROOF

TS9675 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																					
						TOPSPAN® Span/Support Spacings																					
			Outward Inward			Single Span (mm)						Continuous Span (mm)				Lapped Span (mm)											
						3000	3500	4000	4500	5000	5500	6000	3000	3500	4000	4500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	780	640	510	440	900	900	900	740	900	900	900	840	730	630	560	500	440			
			1.92		Edge	770	660	550	460	370	320	870	770	660	530	860	750	660	600	540	470	420	380	340			
		N3	1.65	1.05	General	730	610	500	820	700	600	470	810	690	600	530	470	400									
			3.00		Edge	490	420	350	550	490	420	340	550	480	420	380	340	300									
		N4	2.46	1.56	General	490	550	470	540	460																	
			4.47		Edge	330	370	330	360	320																	
		N5	3.61	2.30	General																						
			6.57		Edge																						
		Internal	N2	1.06	0.67	General	1140	950	780	640	510	440	1200	1100	940	740	1200	1080	940	840	730	630	560	500	440		
				1.92		Edge	770	660	550	460	370	320	870	770	660	530	860	750	660	600	540	470	420	380	340		
N3	1.65		1.05	General	730	610	500	820	700	600	470	810	690	600	530	470	400										
	3.00			Edge	490	420	350	550	490	420	340	550	480	420	380	340	300										
N4	2.46		1.56	General	490	550	470	540	460																		
	4.47			Edge	330	370	330	360	320																		
N5	3.61		2.30	General																							
	6.57			Edge																							
CUSTOM BLUE ORB® 0.60 3/sheet	End		N2	1.06	0.67	General	1140	950	780	640	510	440	1280	1100	940	740	1260	1080	940	840	730	630	560	500	440	370	
				1.92		Edge	780	670	560	460	380	330	880	780	670	540	870	760	670	610	540	470	430	380	340	300	
		N3	1.65	1.05	General	730	610	500	820	700	600	470	810	690	600	530	470	400									
			3.00		Edge	500	430	360	560	490	430	340	550	490	430	390	350	300									
		N4	2.46	1.56	General	490	550	470	540	460																	
			4.47		Edge	330	380	330	370	320																	
		N5	3.61	2.30	General																						
			6.57		Edge																						
		Internal	N2	1.06	0.67	General	1140	950	780	640	510	440	1280	1100	940	740	1260	1080	940	840	730	630	560	500	440	370	
				1.92		Edge	780	670	560	460	380	330	880	780	670	540	870	760	670	610	540	470	430	380	340	300	
N3	1.65		1.05	General	730	610	500	820	700	600	470	810	690	600	530	470	400										
	3.00			Edge	500	430	360	560	490	430	340	550	490	430	390	350	300										
N4	2.46		1.56	General	490	550	470	540	460																		
	4.47			Edge	330	380	330	370	320																		
N5	3.61		2.30	General																							
	6.57			Edge																							
TRIMDEK® 0.42 4/sheet	End		N2	1.06	0.67	General	1140	950	780	640	510	440	380	1280	1100	940	740	1260	1080	940	840	730	630	560	500	440	370
				1.92		Edge	800	690	570	480	390	340	300	900	800	690	560	890	780	690	630	560	490	440	400	350	300
		N3	1.65	1.05	General	730	610	500	410	820	700	600	470	810	690	600	530	470	400								
			3.00		Edge	510	440	370	300	580	510	440	350	570	500	440	400	360	310								
		N4	2.46	1.56	General	490	550	470	540	460																	
			4.47		Edge	340	390	340	380	330																	
		N5	3.61	2.30	General																						
			6.57		Edge																						
		Internal	N2	1.06	0.67	General	1140	950	780	640	510	440	380	1280	1100	940	740	1260	1080	940	840	730	630	560	500	440	370
				1.92		Edge	800	690	570	480	390	340	300	900	800	690	560	890	780	690	630	560	490	440	400	350	300
N3	1.65		1.05	General	730	610	500	410	820	700	600	470	810	690	600	530	470	400									
	3.00			Edge	510	440	370	300	580	510	440	350	570	500	440	400	360	310									
N4	2.46		1.56	General	490	550	470	540	460																		
	4.47			Edge	340	390	340	380	330																		
N5	3.61		2.30	General																							
	6.57			Edge																							
SPANDEK® 0.42 3/sheet	End		N2	1.06	0.67	General	1140	950	780	640	510	440	380	1280	1100	1940	740	1260	1080	940	840	730	630	560	500	440	370
				1.92		Edge	810	690	580	480	390	340	310	910	800	700	560	890	790	700	630	560	490	450	400	360	310
		N3	1.65	1.05	General	730	610	500	410	820	700	600	470	810	690	600	530	470	400								
			3.00		Edge	510	440	370	300	580	510	450	360	570	500	450	400	360	310								
		N4	2.46	1.56	General	490	550	470	400	540	460	400															
			4.47		Edge	340	390	340	300	380	340	300															
		N5	3.61	2.30	General																						
			6.57		Edge																						
		Internal	N2	1.06	0.67	General	1140	950	780	640	510	440	380	1280	1100	940	740	1260	1080	940	840	730	630	560	500	440	370
				1.92		Edge	810	690	580	480	390	340	310	910	800	700	560	890	790	700	630	560	490	450	400	360	310
N3	1.65		1.05	General	730	610	500	410	820	700	600	470	810	690	600	530	470	400									
	3.00			Edge	510	440	370	300	580	510	450	360	570	500	450	400	360	310									
N4	2.46		1.56	General	490	550	470	400	540	460	400																
	4.47			Edge	340	390	340	300	380	340	300																
N5	3.61		2.30	General																							
	6.57			Edge																							

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 96 is fastened to 1.0mm thick steel support with 4 x M6.5-12x30 hex head screws at internal supports and 2 x M6.5-12x30 screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 96.

NON-CYCLONIC REGION - ROOF

TS9675 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																					
						TOPSPAN® Span/Support Spacings																					
			Outward Inward			Single Span (mm)					Continuous Span (mm)				Lapped Span (mm)												
						3000	3500	4000	4500	5000	5500	6000	3000	3500	4000	4500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	780	640	510	440	900	900	900	740	900	900	900	900	730	630	560	500	440			
			1.92		Edge	770	660	550	460	370	320	900	860	660	530	900	900	800	660	540	470	420	380	340			
		N3	1.65	1.05	General	730	610	500				900	790	600	470	900	890	720	580	470	400						
			3.00		Edge	490	420	350				730	550	420	340	730	610	510	420	340	300						
		N4	2.46	1.56	General	490						720	530			720	590	480									
			4.47		Edge	330						490	360			490	410	340									
	N5	3.61	2.30	General							490				490												
		6.57		Edge							330				330												
	Internal	N2	1.06	0.67	General	1140	950	780	640	510	440	1200	1200	940	740	1200	1200	1130	910	730	630	560	500	440			
			1.92		Edge	770	660	550	460	370	320	1140	860	660	530	1140	960	800	660	540	470	420	380	340			
		N3	1.65	1.05	General	730	610	500				1070	790	600	470	1070	890	720	580	470	400						
			3.00		Edge	490	420	350				730	550	420	340	730	610	510	420	340	300						
N4		2.46	1.56	General	490						720	530			720	590	480										
		4.47		Edge	330						490	360			490	410	340										
N5	3.61	2.30	General							490				490													
	6.57		Edge							330				330													
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1140	950	780	640	510	440	1600	1230	940	740	1600	1390	1130	910	730	630	560	500	440	370		
			1.92		Edge	780	670	560	460	380	330	1150	870	670	540	1150	980	810	670	540	470	430	380	340	300		
		N3	1.65	1.05	General	730	610	500				1070	790	600	470	1070	890	720	580	470	400						
			3.00		Edge	500	430	360				740	550	430	340	740	620	520	420	350	300						
		N4	2.46	1.56	General	490						720	530			720	590	480									
			4.47		Edge	330						490	370			490	420	340									
	N5	3.61	2.30	General							490				490												
		6.57		Edge							330				330												
	Internal	N2	1.06	0.67	General	1140	950	780	640	510	440	1680	1230	940	740	1680	1390	1130	910	730	630	560	500	440	370		
			1.92		Edge	780	670	560	460	380	330	1150	870	670	540	1150	980	810	670	540	470	430	380	340	300		
		N3	1.65	1.05	General	730	610	500				1070	790	600	470	1070	890	720	580	470	400						
			3.00		Edge	500	430	360				740	550	430	340	740	620	520	420	350	300						
N4		2.46	1.56	General	490						720	530			720	590	480										
		4.47		Edge	330						490	370			490	420	340										
N5	3.61	2.30	General							490				490													
	6.57		Edge							330				330													
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1140	950	780	640	510	440	380	1300	1230	940	740	1300	1300	1130	910	730	630	560	500	440	370	
			1.92		Edge	800	690	570	480	390	340	300	1180	890	690	560	1180	1000	830	690	560	490	440	400	350	300	
		N3	1.65	1.05	General	730	610	500	410			1070	790	600	470	1070	890	720	580	470	400						
			3.00		Edge	510	440	370	300			760	570	440	350	760	640	530	440	360	310						
		N4	2.46	1.56	General	490						720	530			720	590	480									
			4.47		Edge	340						510	380			510	430	350									
	N5	3.61	2.30	General							490				490												
		6.57		Edge							340				340												
	Internal	N2	1.06	0.67	General	1140	950	780	640	510	440	380	1680	1230	940	740	1680	1390	1130	910	730	630	560	500	440	370	
			1.92		Edge	800	690	570	480	390	340	300	1180	890	690	560	1180	1000	830	690	560	490	440	400	350	300	
		N3	1.65	1.05	General	730	610	500	410			1070	790	600	470	1070	890	720	580	470	400						
			3.00		Edge	510	440	370	300			760	570	440	350	760	640	530	440	360	310						
N4		2.46	1.56	General	490						720	530			720	590	480										
		4.47		Edge	340						510	380			510	430	350										
N5	3.61	2.30	General							490				490													
	6.57		Edge							340				340													
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1140	950	780	640	510	440	380	1680	1230	940	740	1680	1390	1130	910	730	630	560	500	440	370	
			1.92		Edge	810	690	580	480	390	340	310	1190	890	700	560	1190	1010	840	690	560	490	450	400	360	310	
		N3	1.65	1.05	General	730	610	500	410			1070	790	600	470	1070	890	720	580	470	400						
			3.00		Edge	510	440	370	300			760	570	450	360	760	640	540	440	360	310						
		N4	2.46	1.56	General	490						720	530	400		720	590	480									
			4.47		Edge	340						510	380	300		510	430	360									
	N5	3.61	2.30	General							490				490												
		6.57		Edge							340				340												
	Internal	N2	1.06	0.67	General	1140	950	780	640	510	440	380	1680	1230	940	740	1680	1390	1130	910	730	630	560	500	440	370	
			1.92		Edge	810	690	580	480	390	340	310	1190	890	700	560	1190	1010	840	690	560	490	450	400	360	310	
		N3	1.65	1.05	General	730	610	500	410			1070	790	600	470	1070	890	720	580	470	400						
			3.00		Edge	510	440	370	300			760	570	450	360	760	640	540	440	360	310						
N4		2.46	1.56	General	490						720	530	400		720	590	480										
		4.47		Edge	340						510	380	300		510	430	360										
N5	3.61	2.30	General							490	</																

NON-CYCLONIC REGION - ROOF

TS9610 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																						
						TOPSPAN® Span/Support Spacings																						
						Single Span (mm)				Continuous Span (mm)				Lapped Span (mm)														
			Outward	Inward		3000	3500	4000	4500	5000	5500	6000	6500	7000	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500				
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900	860	640	530	480	420	900	900	900	860	900	900	900	840	750	690	630	580	530	500	
			1.92		Edge	900	900	790	610	460	390	350	320	860	760	670	610	850	740	660	600	540	500	470	440	410	380	
		N3	1.65	1.05	General	900	900	720	550						820	700	610	550	810	690	600	530	480	440	400			
			3.00		Edge	790	640	500	390						550	480	430	390	540	470	420	380	350	320	300			
		N4	2.46	1.56	General	790	630	480							550	470			540	460								
			4.47		Edge	530	430	340							370	320			360	320								
	N5	3.61	2.30	General	530																							
		6.57		Edge	360																							
	Internal	N2	1.06	0.67	General	1200	1200	1130	860	640	530	480	420	1200	1100	960	860	1200	1080	940	840	750	690	630	580	530	500	
			1.92		Edge	1200	1000	790	610	460	390	350	320	860	760	670	610	850	740	660	600	540	500	470	440	410	380	
		N3	1.65	1.05	General	1180	930	720	550					820	700	610	550	810	690	600	530	480	440	400				
			3.00		Edge	790	640	500	390					550	480	430	390	540	470	420	380	350	320	300				
N4		2.46	1.56	General	790	630	480						550	470			540	460										
		4.47		Edge	530	430	340						370	320			360	320										
N5	3.61	2.30	General	530																								
	6.57		Edge	360																								
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1460	1130	860	640	530	480	420	1280	1100	960	860	1260	1080	940	840	750	690	630	580	530	500	
			1.92		Edge	1250	1020	800	620	470	390	360	320	870	770	680	620	860	750	660	600	550	510	470	440	410	390	
		N3	1.65	1.05	General	1180	930	720	550	410				820	700	610	550	810	690	600	530	480	440	400				
			3.00		Edge	800	650	510	390	300				560	490	430	390	550	480	420	380	350	320	300				
		N4	2.46	1.56	General	790	630	480						550	470			540	460									
			4.47		Edge	530	430	340						370	330			370	320									
	N5	3.61	2.30	General	530																							
		6.57		Edge	360																							
	Internal	N2	1.06	0.67	General	1800	1460	1130	860	640	530	480	420	1280	1100	960	860	1260	1080	940	840	750	690	630	580	530	500	
			1.92		Edge	1250	1020	800	620	470	390	360	320	870	770	680	620	860	750	660	600	550	510	470	440	410	390	
		N3	1.65	1.05	General	1180	930	720	550	410				820	700	610	550	810	690	600	530	480	440	400				
			3.00		Edge	800	650	510	390	300				560	490	430	390	550	480	420	380	350	320	300				
N4		2.46	1.56	General	790	630	480						550	470			540	460										
		4.47		Edge	530	430	340						370	330			370	320										
N5	3.61	2.30	General	530																								
	6.57		Edge	360																								
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1130	860	640	530	480	420	1280	1100	960	860	1260	1080	940	840	750	690	630	580	530	500	
			1.92		Edge	1280	1040	820	640	480	410	370	330	890	790	700	630	880	770	680	620	570	520	490	460	430	400	
		N3	1.65	1.05	General	1180	930	720	550	410				820	700	610	550	810	690	600	530	480	440	400				
			3.00		Edge	820	670	520	410	310				570	500	440	400	560	490	440	400	360	330	310				
		N4	2.46	1.56	General	790	630	480						550	470	410		540	460									
			4.47		Edge	550	450	350						380	340	300		380	330									
	N5	3.61	2.30	General	530	420																						
		6.57		Edge	370	300																						
	Internal	N2	1.06	0.67	General	1840	1460	1130	860	640	530	480	420	1280	1100	960	860	1260	1080	940	840	750	690	630	580	530	500	
			1.92		Edge	1280	1040	820	640	480	410	370	330	890	790	700	630	880	770	680	620	570	520	490	460	430	400	
		N3	1.65	1.05	General	1180	930	720	550	410				820	700	610	550	810	690	600	530	480	440	400				
			3.00		Edge	820	670	520	410	310				570	500	440	400	560	490	440	400	360	330	310				
N4		2.46	1.56	General	790	630	480						550	470	410		540	460										
		4.47		Edge	550	450	350						380	340	300		380	330										
N5	3.61	2.30	General	530	420																							
	6.57		Edge	370	300																							
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1460	1130	860	640	530	480	420	370	1280	1100	960	860	1260	1080	940	840	750	690	630	580	530	500
			1.92		Edge	1290	1050	830	640	480	410	370	340	300	900	790	710	640	880	780	690	620	570	530	490	460	430	400
		N3	1.65	1.05	General	1180	930	720	550	410				820	700	610	550	810	690	600	530	480	440	400				
			3.00		Edge	820	670	530	410	310				570	500	450	410	560	500	440	400	360	340	310				
		N4	2.46	1.56	General	790	630	480						550	470	410		540	460									
			4.47		Edge	550	450	360						380	340	300		380	330									
	N5	3.61	2.30	General	530	420																						
		6.57		Edge	370	300																						
	Internal	N2	1.06	0.67	General	1840	1460	1130	860	640	530	480	420	370	1280	1100	960	860	1260	1080	940	840	750	690	630	580	530	500
			1.92		Edge	1290	1050	830	640	480	410	370	340	300	900	790	710	640	880	780	690	620	570	530	490	460	430	400
		N3	1.65	1.05	General	1180	930	720																				

NON-CYCLONIC REGION - ROOF

TS9610 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																						
						TOPSPAN® Span/Support Spacings																						
			Outward Inward			Single Span (mm)								Continuous Span (mm)				Lapped Span (mm)										
						3000	3500	4000	4500	5000	5500	6000	6500	7000	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500				
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900	860	640	530	480	420	900	900	900	900	900	900	900	900	900	900	850	750	640	530	
			1.92	Edge	900	900	790	610	460	390	350	320	900	900	900	820	900	900	890	800	740	680	630	570	490	400		
		N3	1.65	1.05	General	900	900	720	550	900	900	830	730	900	900	810	720	650	590	540	480	410	330					
			3.00	Edge	790	640	500	390	740	650	570	520	730	640	570	510	470	430	400	360	310							
		N4	2.46	1.56	General	790	630	480	740	630	550	490	730	620	540	480	430											
			4.47	Edge	530	430	340	490	430	380	350	490	430	380	340	310												
	N5	3.61	2.30	General	530	500	490																					
		6.57	Edge	360	330	330																						
	Internal	N2	1.06	0.67	General	1200	1200	1130	860	640	530	480	420	1200	1200	1200	1150	1200	1200	1200	1130	1020	920	850	750	640	530	
			1.92	Edge	1200	1000	790	610	460	390	350	320	1160	1020	900	820	1140	1000	890	800	740	680	630	570	490	400		
		N3	1.65	1.05	General	1180	930	720	550	1100	950	830	730	1090	930	810	720	650	590	540	480	410						
			3.00	Edge	790	640	500	390	740	650	570	520	730	640	570	510	470	430	400	360	310							
N4		2.46	1.56	General	790	630	480	740	630	550	490	730	620	540	480	430												
		4.47	Edge	530	430	340	490	430	380	350	490	430	380	340	310													
N5	3.61	2.30	General	530	500	490																						
	6.57	Edge	360	330	330																							
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1460	1130	860	640	530	480	420	1600	1480	1290	1150	1600	1450	1270	1130	1020	920	850	750	640	530	
			1.92	Edge	1250	1020	800	620	470	390	360	320	1170	1030	910	830	1150	1010	900	820	750	690	640	580	490	410		
		N3	1.65	1.05	General	1180	930	720	550	410	1100	950	830	730	1090	930	810	720	650	590	540	480	410					
			3.00	Edge	800	650	510	390	300	750	660	580	530	740	650	570	520	480	440	410	370	310						
		N4	2.46	1.56	General	790	630	480	740	630	550	490	730	620	540	480	430											
			4.47	Edge	530	430	340	500	440	390	350	490	430	380	350	320												
	N5	3.61	2.30	General	530	500	430	490																				
		6.57	Edge	360	340	300	330																					
	Internal	N2	1.06	0.67	General	1800	1460	1130	860	640	530	480	420	1730	1480	1290	1150	1700	1450	1270	1130	1020	920	850	750	640	530	
			1.92	Edge	1250	1020	800	620	470	390	360	320	1170	1030	910	830	1150	1010	900	820	750	690	640	580	490	410		
		N3	1.65	1.05	General	1180	930	720	550	410	1100	950	830	730	1090	930	810	720	650	590	540	480	410					
			3.00	Edge	800	650	510	390	300	750	660	580	530	740	650	570	520	480	440	410	370	310						
N4		2.46	1.56	General	790	630	480	740	630	550	490	730	620	540	480	430												
		4.47	Edge	530	430	340	500	440	390	350	490	430	380	350	320													
N5	3.61	2.30	General	530	500	430	490																					
	6.57	Edge	360	340	300	330																						
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1130	860	640	530	480	420	1300	1300	1290	1150	1300	1301	1270	1130	1020	920	850	750	640	530	
			1.92	Edge	1280	1040	820	640	480	410	370	330	1200	1060	940	850	1180	1040	920	840	770	710	660	590	510	420		
		N3	1.65	1.05	General	1180	930	720	550	410	1100	950	830	730	1090	930	810	720	650	590	540	480	410					
			3.00	Edge	820	670	520	410	310	770	680	600	540	760	660	590	540	490	450	420	380	320						
		N4	2.46	1.56	General	790	630	480	740	630	550	490	730	620	540	480	430	390										
			4.47	Edge	550	450	350	520	450	400	360	510	440	390	360	330	300											
	N5	3.61	2.30	General	530	420	500	430	490	420																		
		6.57	Edge	370	300	350	310	340	300																			
	Internal	N2	1.06	0.67	General	1840	1460	1130	860	640	530	480	420	1730	1480	1290	1150	1700	1450	1270	1130	1020	920	850	750	640	530	
			1.92	Edge	1280	1040	820	640	480	410	370	330	1200	1060	940	850	1180	1040	920	840	770	710	660	590	510	420		
		N3	1.65	1.05	General	1180	930	720	550	410	1100	950	830	730	1090	930	810	720	650	590	540	480	410					
			3.00	Edge	820	670	520	410	310	770	680	600	540	760	660	590	540	490	450	420	380	320						
N4		2.46	1.56	General	790	630	480	740	630	550	490	730	620	540	480	430	390											
		4.47	Edge	550	450	350	520	450	400	360	510	440	390	360	330	300												
N5	3.61	2.30	General	530	420	500	430	490	420																			
	6.57	Edge	370	300	350	310	340	300																				
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1460	1130	860	640	530	480	420	370	1730	1480	1290	1150	1700	1450	1270	1130	1020	920	850	750	640	530
			1.92	Edge	1290	1050	830	640	480	410	370	340	300	1210	1060	950	860	1190	1040	940	840	770	710	660	600	510	430	
		N3	1.65	1.05	General	1180	930	720	550	410	1100	950	830	730	1090	930	810	720	650	590	540	480	410					
			3.00	Edge	820	670	530	410	310	770	680	610	550	760	670	600	540	490	450	420	380	330						
		N4	2.46	1.56	General	790	630	480	740	630	550	490	730	620	540	480	430	390										
			4.47	Edge	550	450	360	520	450	410	370	510	450	400	360	330	300											
	N5	3.61	2.30	General	530	420	500	430	490	420																		
		6.57	Edge	370	300	350	310	340	300																			
	Internal	N2	1.06	0.67	General	1840	1460	1130	860	640	530	480	420	370	1730	1480	1290	1150	1700	1450	1270	1130	1020	920	850	750	640	530
			1.92	Edge	1290	1050	830	640	480	410	370	340	300	1210	1060	950	860	1190	1040	940	840	770	710	660	600	510	430	
		N3	1.65	1.05	General	1180	930	720	550	410	1100	950	830	730	1090	930	810	720	650	590	540	480	410					
			3.00	Edge	820	670	530	410	310	770	680	610	550	760	670	600	540	490	450	420	380	330						
N4		2.46	1.56	General	790	630	480	740	630	550	490	730	620	540	480	430	390											
		4.47	Edge	550	450	360	520	450	410	370	510	450	400	360	330	300												
N5	3.61	2.30	General	530	420	500	430	490	420																			
	6.57	Edge	370	300	350	310	340	300																				

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 96 is fastened to 1.2mm thick steel support with 4 x #14-10x25 hex head screws at internal supports and 2 x #14-10x25 screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 96.

NON-CYCLONIC REGION - ROOF

TS12070 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																							
						TOPSPAN® Span/Support Spacings																							
			Outward Inward			Single Span (mm)				Continuous Span (mm)				Lapped Span (mm)															
						3000	3500	4000	4500	5000	5500	6000	6500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500						
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	890	720	580	500	450	900	900	900	860	770	900	900	900	840	750	690	630	580	530	460		
			1.92		Edge	860	730	610	510	410	360	330	850	750	660	600	550	830	730	650	590	540	490	460	430	390	350		
		N3	1.65	1.05	General	830	690	560	460	820	700	610	550	490	810	690	600	530	480	440									
			3.00		Edge	550	470	390	320	540	480	420	380	350	530	470	410	370	340	310									
		N4	2.46	1.56	General	560	460	550	470	540	460																		
			4.47		Edge	370	310	360	320	360	310																		
		N5	3.61	2.30	General																								
			6.57		Edge																								
		Internal	N2	1.06	0.67	General	1200	1080	890	720	580	500	450	1200	1100	960	860	770	1200	1080	940	840	750	690	630	580	530	460	
				1.92		Edge	860	730	610	510	410	360	330	850	750	660	600	550	830	730	650	590	540	490	460	430	390	350	
N3	1.65		1.05	General	830	690	560	460	820	700	610	550	490	810	690	600	530	480	440										
	3.00			Edge	550	470	390	320	540	480	420	380	350	530	470	410	370	340	310										
N4	2.46		1.56	General	560	460	550	470	540	460																			
	4.47			Edge	370	310	360	320	360	310																			
N5	3.61		2.30	General																									
	6.57			Edge																									
CUSTOM BLUE ORB® 0.60 3/sheet	End		N2	1.06	0.67	General	1300	1080	890	720	580	500	450	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	460	
				1.92		Edge	870	740	610	510	420	360	330	860	760	670	610	560	840	740	650	590	540	500	470	440	400	350	
		N3	1.65	1.05	General	830	690	560	460	820	700	610	550	490	810	690	600	530	480	440	400								
			3.00		Edge	550	470	390	330	550	480	430	390	350	540	470	420	380	350	320	300								
		N4	2.46	1.56	General	560	460	550	470	550	470																		
			4.47		Edge	370	320	370	320	360	320																		
		N5	3.61	2.30	General																								
			6.57		Edge																								
		Internal	N2	1.06	0.67	General	1300	1080	890	720	580	500	450	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	460	
				1.92		Edge	870	740	610	510	420	360	330	860	760	670	610	560	840	740	650	590	540	500	470	440	400	350	
N3	1.65		1.05	General	830	690	560	460	820	700	610	550	490	810	690	600	530	480	440	400									
	3.00			Edge	550	470	390	330	550	480	430	390	350	540	470	420	380	350	320	300									
N4	2.46		1.56	General	560	460	550	470	550	470																			
	4.47			Edge	370	320	370	320	360	320																			
N5	3.61		2.30	General																									
	6.57			Edge																									
TRIMDEK® 0.42 4/sheet	End		N2	1.06	0.67	General	1300	1080	890	720	580	500	450	390	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	460
				1.92		Edge	890	760	630	530	430	370	340	300	880	780	690	620	570	870	760	670	610	560	520	480	450	410	360
		N3	1.65	1.05	General	830	690	560	460	370	320	820	700	610	550	490	810	690	600	530	480	440	400						
			3.00		Edge	570	490	400	340	560	490	440	400	360	550	490	430	390	360	330	310								
		N4	2.46	1.56	General	560	460	380	310	550	470	410	370	330	540	460	400	360	320										
			4.47		Edge	380	330	380	330	370	330																		
		N5	3.61	2.30	General																								
			6.57		Edge																								
		Internal	N2	1.06	0.67	General	1300	1080	890	720	580	500	450	390	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	460
				1.92		Edge	890	760	630	530	430	370	340	300	880	780	690	620	570	870	760	670	610	560	520	480	450	410	360
N3	1.65		1.05	General	830	690	560	460	370	320	820	700	610	550	490	810	690	600	530	480	440	400							
	3.00			Edge	570	490	400	340	560	490	440	400	360	550	490	430	390	360	330	310									
N4	2.46		1.56	General	560	460	380	310	550	470	410	370	330	540	460	400	360	320											
	4.47			Edge	380	330	380	330	370	330																			
N5	3.61		2.30	General																									
	6.57			Edge																									
SPANDEK® 0.42 3/sheet	End		N2	1.06	0.67	General	1300	1080	890	720	580	500	450	390	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	460
				1.92		Edge	900	770	640	530	430	380	350	310	880	780	690	630	580	870	770	680	610	560	520	480	450	410	370
		N3	1.65	1.05	General	830	690	560	460	820	700	610	550	490	810	690	600	530	480	440	400								
			3.00		Edge	570	490	410	340	560	500	440	400	370	560	490	430	390	360	330	310								
		N4	2.46	1.56	General	560	460	550	470	410	540	460																	
			4.47		Edge	380	330	380	330	300	370	330																	
		N5	3.61	2.30	General																								
			6.57		Edge																								
		Internal	N2	1.06	0.67	General	1300	1080	890	720	580	500	450	390	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	460
				1.92		Edge	900	770	640	530	430	380	350	310	880	780	690	630	580	870	770	680	610	560	520	480	450	410	370
N3	1.65		1.05	General	830	690	560	460	820	700	610	550	490	810	690	600	530	480	440	400									
	3.00			Edge	570	490	410	340	560	500	440	400	370	560	490	430	390	360	330	310									
N4	2.46		1.56	General	560	460	550	470	410	540	460																		
	4.47			Edge	380	330	380	330	300	370	330																		
N5	3.61		2.30	General																									
	6.57			Edge																									

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 120 is fastened to 1.0mm thick steel support with 4 x M6.5-12x30 hex head screws at internal supports and 2 x M6.5-12x30 screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 120.

NON-CYCLONIC REGION - ROOF

TS12070 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																						
						TOPSPAN® Span/Support Spacings																						
			Outward Inward			Single Span (mm)				Continuous Span (mm)				Lapped Span (mm)														
						3000	3500	4000	4500	5000	5500	6000	6500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500					
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	890	720	580	500	450	900	900	900	900	900	900	890	730	670	590	530	460				
			1.92		Edge	860	730	610	510	410	360	330	900	900	890	800	690	900	900	870	790	640	530	490	440	390	350	
		N3	1.65	1.05	General	830	690	560	460					900	900	830	730	620	900	900	810	720	570	470	430			
			3.00		Edge	550	470	390	320					730	640	570	510	440	720	630	560	500	410	340	310			
		N4	2.46	1.56	General	560	460							740	630	550	490		730	620	540	480						
			4.47		Edge	370	310							490	430	380	340		480	420	370	340						
	N5	3.61	2.30	General									500				490											
		6.57		Edge									330				320											
	Internal	N2	1.06	0.67	General	1200	1080	890	720	580	500	450	1200	1200	1200	1150	970	1200	1200	1200	1130	890	730	670	590	530	460	
			1.92		Edge	860	730	610	510	410	360	330	1140	1000	890	800	690	1120	980	870	790	640	530	490	440	390	350	
		N3	1.65	1.05	General	830	690	560	460				1100	950	830	730	620	1090	930	810	720	570	470	430				
			3.00		Edge	550	470	390	320				730	640	570	510	440	720	630	560	500	410	340	310				
N4		2.46	1.56	General	560	460						740	630	550	490		730	620	540	480								
		4.47		Edge	370	310						490	430	380	340		480	420	370	340								
N5	3.61	2.30	General								500				490													
	6.57		Edge								330				320													
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1300	1080	890	720	580	500	450	1600	1480	1290	1150	970	1600	1450	1270	1130	890	730	670	590	530	460	
			1.92		Edge	870	740	610	510	420	360	330	1160	1020	900	820	700	1140	1000	890	800	650	540	490	440	400	350	
		N3	1.65	1.05	General	830	690	560	460				1100	950	830	730	620	1090	930	810	720	570	470	430				
			3.00		Edge	550	470	390	330				740	650	570	520	450	730	640	560	510	410	340	310				
		N4	2.46	1.56	General	560	460						740	630	550	490	410	730	620	540	480							
			4.47		Edge	370	320						490	430	380	350	300	490	430	380	340							
	N5	3.61	2.30	General								500				490												
		6.57		Edge								330				330												
	Internal	N2	1.06	0.67	General	1300	1080	890	720	580	500	450	1730	1480	1290	1150	970	1700	1450	1270	1130	890	730	670	590	530	460	
			1.92		Edge	870	740	610	510	420	360	330	1160	1020	900	820	700	1140	1000	890	800	650	540	490	440	400	350	
		N3	1.65	1.05	General	830	690	560	460				1100	950	830	730	620	1090	930	810	720	570	470	430				
			3.00		Edge	550	470	390	330				740	650	570	520	450	730	640	560	510	410	340	310				
N4		2.46	1.56	General	560	460						740	630	550	490	410	730	620	540	480								
		4.47		Edge	370	320						490	430	380	350	300	490	430	380	340								
N5	3.61	2.30	General								500				490													
	6.57		Edge								330				330													
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1080	890	720	580	500	450	390	1300	1300	1290	1150	970	1300	1300	1270	1130	890	730	670	590	530	460
			1.92		Edge	890	760	630	530	430	370	340	300	1190	1040	920	840	720	1170	1020	910	830	660	550	510	460	410	360
		N3	1.65	1.05	General	830	690	560	460				1100	950	830	730	620	1090	930	810	720	570	470	430				
			3.00		Edge	570	490	400	340				760	670	590	540	460	740	650	580	530	420	350	320				
		N4	2.46	1.56	General	560	460						740	630	550	490	410	730	620	540	480							
			4.47		Edge	380	330						510	450	390	360	310	500	440	390	350							
	N5	3.61	2.30	General								500	430			490	420											
		6.57		Edge								340	300			340	300											
	Internal	N2	1.06	0.67	General	1300	1080	890	720	580	500	450	390	1730	1480	1290	1150	970	1700	1450	1270	1130	890	730	670	590	530	460
			1.92		Edge	890	760	630	530	430	370	340	300	1190	1040	920	840	720	1170	1020	910	830	660	550	510	460	410	360
		N3	1.65	1.05	General	830	690	560	460				1100	950	830	730	620	1090	930	810	720	570	470	430				
			3.00		Edge	570	490	400	340				760	670	590	540	460	740	650	580	530	420	350	320				
N4		2.46	1.56	General	560	460						740	630	550	490	410	730	620	540	480								
		4.47		Edge	380	330						510	450	390	360	310	500	440	390	350								
N5	3.61	2.30	General								500	430			490	420												
	6.57		Edge								340	300			340	300												
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1300	1080	890	720	580	500	450	390	1730	1480	1290	1150	970	1700	1450	1270	1130	890	730	670	590	530	460
			1.92		Edge	900	770	640	530	430	380	350	310	1190	1050	930	840	720	1170	1030	920	830	670	560	510	460	410	370
		N3	1.65	1.05	General	830	690	560	460				1100	950	830	730	620	1090	930	810	720	570	470	430				
			3.00		Edge	570	490	410	340				760	670	600	540	460	750	660	590	530	430	350	330				
		N4	2.46	1.56	General	560	460						740	630	550	490	410	730	620	540	480							
			4.47		Edge	380	330						510	450	400	360	310	500	440	390	350							
	N5	3.61	2.30	General								500	430			490	420											
		6.57		Edge								340	300			340	300											
	Internal	N2	1.06	0.67	General	1300	1080	890	720	580	500	450	390	1730	1480	1290	1150	970	1700	1450	1270	1130	890	730	670	590	530	460
			1.92		Edge	900	770	640	530	430	380	350	310	1190	1050													

NON-CYCLONIC REGION - ROOF

TS12090 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																								
						TOPSPAN® Span/Support Spacings																								
			Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)																	
			Outward	Inward		3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	3000	3500	4000	4500	5000	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900	900	890	740	670	600	530	460	900	900	900	860	770	900	900	900	840	750	690	630	580	530	500
			1.92		Edge	900	900	900	820	620	530	480	440	390	340	840	740	650	590	540	830	730	640	580	530	490	460	430	400	370
		N3	1.65	1.05	General	900	900	900	760	560	470	430	820	700	610	550	490	810	690	600	530	480	440							
			3.00		Edge	900	870	680	530	400	340	310	540	470	420	380	350	530	460	410	370	340	310							
		N4	2.46	1.56	General	900	870	680	510	550	470	540	460																	
			4.47		Edge	720	580	460	350	360	310	350	310																	
	N5	3.61	2.30	General	740	590	460																							
		6.57		Edge	490	390	310																							
	Internal	N2	1.06	0.67	General	1200	1200	1200	1190	890	740	670	600	530	460	1200	1100	960	860	770	1200	1080	940	840	750	690	630	580	530	500
			1.92		Edge	1200	1200	1070	820	620	530	480	440	390	340	840	740	650	590	540	830	730	640	580	530	490	460	430	400	370
		N3	1.65	1.05	General	1200	1200	1010	760	560	470	430	820	700	610	550	490	810	690	600	530	480	440							
			3.00		Edge	1070	870	680	530	400	340	310	540	470	420	380	350	530	460	410	370	340	310							
N4		2.46	1.56	General	1100	870	680	510	550	470	540	460																		
		4.47		Edge	720	580	460	350	360	310	350	310																		
N5	3.61	2.30	General	740	590	460																								
	6.57		Edge	490	390	310																								
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	1.06	0.67	General	1600	1600	1580	1190	890	740	670	600	530	460	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	500
			1.92		Edge	1600	1380	1090	830	630	540	490	450	390	350	850	750	660	600	550	840	740	650	590	540	500	460	430	400	380
		N3	1.65	1.05	General	1600	1300	1010	760	560	470	430	820	700	610	550	490	810	690	600	530	480	440							
			3.00		Edge	1080	880	690	530	400	340	310	540	480	420	380	350	530	470	410	370	340	320							
		N4	2.46	1.56	General	1100	870	680	510	550	470	540	460																	
			4.47		Edge	730	590	460	360	360	320	360	310																	
	N5	3.61	2.30	General	740	590	460																							
		6.57		Edge	490	400	310																							
	Internal	N2	1.06	0.67	General	1800	1800	1580	1190	890	740	670	600	530	460	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	500
			1.92		Edge	1700	1380	1090	830	630	540	490	450	390	350	850	750	660	600	550	840	740	650	590	540	500	460	430	400	380
		N3	1.65	1.05	General	1640	1300	1010	760	560	470	430	820	700	610	550	490	810	690	600	530	480	440							
			3.00		Edge	1080	880	690	530	400	340	310	540	480	420	380	350	530	470	410	370	340	320							
N4		2.46	1.56	General	1100	870	680	510	550	470	540	460																		
		4.47		Edge	730	590	460	360	360	320	360	310																		
N5	3.61	2.30	General	740	590	460																								
	6.57		Edge	490	400	310																								
TRIMDEK® 0.42 4/sheet	End	N2	1.06	0.67	General	1300	1300	1300	1190	890	740	670	600	530	460	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	500
			1.92		Edge	1300	1300	1120	860	650	550	500	460	410	360	870	770	680	620	570	860	760	670	600	550	510	480	450	410	390
		N3	1.65	1.05	General	1300	1300	1010	760	560	470	430	820	700	610	550	490	810	690	600	530	480	440	400						
			3.00		Edge	1110	900	710	550	410	350	320	560	490	430	390	360	550	480	420	390	350	320	300						
		N4	2.46	1.56	General	1100	870	680	510	550	470	540	460																	
			4.47		Edge	750	610	480	370	370	330	370	320																	
	N5	3.61	2.30	General	740	590	460																							
		6.57		Edge	510	410	320																							
	Internal	N2	1.06	0.67	General	1800	1800	1580	1190	890	740	670	600	530	460	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	500
			1.92		Edge	1700	1380	1090	830	630	540	490	450	390	350	870	770	680	620	570	860	760	670	600	550	510	480	450	410	390
		N3	1.65	1.05	General	1640	1300	1010	760	560	470	430	820	700	610	550	490	810	690	600	530	480	440	400						
			3.00		Edge	1080	880	690	530	400	340	310	560	490	430	390	360	550	480	420	390	350	320	300						
N4		2.46	1.56	General	1100	870	680	510	550	470	540	460																		
		4.47		Edge	730	590	460	360	370	330	370	320																		
N5	3.61	2.30	General	740	590	460																								
	6.57		Edge	490	400	310																								
SPANDEK® 0.42 3/sheet	End	N2	1.06	0.67	General	1800	1800	1580	1190	890	740	670	600	530	460	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	500
			1.92		Edge	1750	1420	1130	860	650	560	510	460	410	360	880	770	690	620	570	860	760	670	610	560	520	480	450	420	390
		N3	1.65	1.05	General	1640	1300	1010	760	560	470	430	820	700	610	550	490	810	690	600	530	480	440	400						
			3.00		Edge	1120	910	720	550	420	360	320	560	490	440	400	360	550	480	430	390	350	330	310						
		N4	2.46	1.56	General	1100	870	680	510	550	470	540	460																	
			4.47		Edge	750	610	480	370	370	330	370	320																	
	N5	3.61	2.30	General	740	590	460																							
		6.57		Edge	510	410	330																							
	Internal	N2	1.06	0.67	General	2400	2030	1580	1190	890	740	670	600	530	460	1280	1100	960	860	770	1260	1080	940	840	750	690	630	580	530	500
			1.92		Edge	1750	1420	1130	860	650	560	510	460	410	360	880	770	690	620	570	860	760	670	610	560	520	480	450	420	390
		N3	1.65	1.05	General	1640	1300	1010	760	560	470	430	820	700	610	550	490	810	690	600	530	480	440	400						
			3.00		Edge	1120	910	720	550	420	360	320	560	490	440	400	360	550	480	430	390	350	330	310						
N4		2.46	1.56	General	1100	870	680	510	550	470	540	460																		
		4.47		Edge	750	610	480	370	370	330	370	320																		
N5	3.61	2.30	General	740	590	460																								
	6.57		Edge	510	410	330																								

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 120 is fastened to 1.0mm thick steel support with 4 x M6.5-12x30 hex head screws at internal supports and 2 x M6.5-12x30 screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 120.

NON-CYCLONIC REGION - ROOF

TS12090 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																									
						TOPSPAN® Span/Support Spacings																									
			Outward	Inward		Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)															
						3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500						
CUSTOM ORB® 0.42 3/sheet	End	N2	1.06	0.67	General	900	900	900	900	890	740	670	600	530	460	900	900	900	900	900	900	900	900	900	900	900	850	780	720	680	
			1.92		Edge	900	900	900	820	620	530	480	440	390	340	900	900	880	800	730	900	900	870	780	720	660	610	570	540	510	
		N3	1.65	1.05	General	900	900	900	760	560	470	430	900	900	830	730	660	900	900	810	720	650	590	540	500	460	430				
			3.00		Edge	900	870	680	530	400	340	310	720	630	560	510	470	710	620	550	500	460	420	390	370	340	320				
		N4	2.46	1.56	General	900	870	680	510	740	630	550	490	440	730	620	540	480	430												
			4.47		Edge	720	580	460	350	480	420	370	340	310	480	420	370	330	310												
		N5	3.61	2.30	General	740	590	460	500	490																					
			6.57		Edge	490	390	310	330	320																					
		Internal	N2	1.06	0.67	General	1200	1200	1200	1190	890	740	670	600	530	460	1200	1200	1200	1150	1040	1200	1200	1200	1130	1020	920	850	780	720	680
				1.92		Edge	1200	1200	1070	820	620	530	480	440	390	340	1130	990	880	800	730	1110	970	870	780	720	660	610	570	540	510
	N3		1.65	1.05	General	1200	1200	1010	760	560	470	430	1100	950	830	730	660	1090	930	810	720	650	590	540	500	460	430				
			3.00		Edge	1070	870	680	530	400	340	310	720	630	560	510	470	710	620	550	500	460	420	390	370	340	320				
	N4		2.46	1.56	General	1100	870	680	510	740	630	550	490	440	730	620	540	480	430												
			4.47		Edge	720	580	460	350	480	420	370	340	310	480	420	370	330	310												
N5	3.61		2.30	General	740	590	460	500	490																						
	6.57			Edge	490	390	310	330	320																						
CUSTOM BLUE ORB® 0.60 3/sheet	End		N2	1.06	0.67	General	1600	1600	1580	1190	890	740	670	600	530	460	1600	1480	1290	1150	1040	1600	1450	1270	1130	1020	920	850	780	720	680
				1.92		Edge	1600	1380	1090	830	630	540	490	450	390	350	1140	1010	890	810	740	1130	990	880	790	730	670	620	580	540	510
		N3	1.65	1.05	General	1600	1300	1010	760	560	470	430	1100	950	830	730	660	1090	930	810	720	650	590	540	500	460	430				
			3.00		Edge	1080	880	690	530	400	340	310	730	640	570	520	470	720	630	560	510	460	430	400	370	350	330				
		N4	2.46	1.56	General	1100	870	680	510	740	630	550	490	440	730	620	540	480	430												
			4.47		Edge	730	590	460	360	490	430	380	340	320	480	420	370	340	310												
		N5	3.61	2.30	General	740	590	460	500	490																					
			6.57		Edge	490	400	310	330	330																					
		Internal	N2	1.06	0.67	General	1800	1800	1580	1190	890	740	670	600	530	460	1730	1480	1290	1150	1040	1700	1450	1270	1130	1020	920	850	780	720	680
				1.92		Edge	1700	1380	1090	830	630	540	490	450	390	350	1140	1010	890	810	740	1130	990	880	790	730	670	620	580	540	510
	N3		1.65	1.05	General	1640	1300	1010	760	560	470	430	1100	950	830	730	660	1090	930	810	720	650	590	540	500	460	430				
			3.00		Edge	1080	880	690	530	400	340	310	730	640	570	520	470	720	630	560	510	460	430	400	370	350	330				
	N4		2.46	1.56	General	1100	870	680	510	740	630	550	490	440	730	620	540	480	430												
			4.47		Edge	730	590	460	360	490	430	380	340	320	480	420	370	340	310												
N5	3.61		2.30	General	740	590	460	500	490																						
	6.57			Edge	490	400	310	330	330																						
TRIMDEK® 0.42 4/sheet	End		N2	1.06	0.67	General	1300	1300	1300	1190	890	740	670	600	530	460	1300	1300	1290	1150	1040	1300	1300	1270	1130	1020	920	850	780	720	680
				1.92		Edge	1300	1300	1120	860	650	550	500	460	410	360	1180	1030	910	830	760	1160	1010	900	820	750	690	640	600	560	530
		N3	1.65	1.05	General	1300	1300	1010	760	560	470	430	1100	950	830	730	660	1090	930	810	720	650	590	540	500	460	430				
			3.00		Edge	1110	900	710	550	410	350	320	750	660	580	530	490	740	650	580	520	480	440	410	380	360	340				
		N4	2.46	1.56	General	1100	870	680	510	740	630	550	490	440	730	620	540	480	430												
			4.47		Edge	750	610	480	370	500	440	390	350	330	490	430	380	350	320												
		N5	3.61	2.30	General	740	590	460	500	430																					
			6.57		Edge	510	410	320	340	300																					
		Internal	N2	1.06	0.67	General	1900	1900	1580	1190	890	740	670	600	530	460	1730	1480	1290	1150	1040	1700	1450	1270	1130	1020	920	850	780	720	680
				1.92		Edge	1740	1420	1120	860	650	550	500	460	410	360	1180	1030	910	830	760	1160	1010	900	820	750	690	640	600	560	530
	N3		1.65	1.05	General	1640	1300	1010	760	560	470	430	1100	950	830	730	660	1090	930	810	720	650	590	540	500	460	430				
			3.00		Edge	1110	900	710	550	410	350	320	750	660	580	530	490	740	650	580	520	480	440	410	380	360	340				
	N4		2.46	1.56	General	1100	870	680	510	740	630	550	490	440	730	620	540	480	430												
			4.47		Edge	750	610	480	370	500	440	390	350	330	490	430	380	350	320												
N5	3.61		2.30	General	740	590	460	500	430																						
	6.57			Edge	510	410	320	340	300																						
SPANDEK® 0.42 3/sheet	End		N2	1.06	0.67	General	1800	1800	1580	1190	890	740	670	600	530	460	1730	1480	1290	1150	1040	1700	1450	1270	1130	1020	920	850	780	720	680
				1.92		Edge	1750	1420	1130	860	650	560	510	460	410	360	1180	1040	920	830	770	1160	1020	910	820	750	690	650	600	570	540
		N3	1.65	1.05	General	1640	1300	1010	760	560	470	430	1100	950	830	730	660	1090	930	810	720	650	590	540	500	460	430				
			3.00		Edge	1120	910	720	550	420	360	320	750	660	590	530	490	740	650	580	520	480	440	410	380	360	340				
		N4	2.46	1.56	General	1100	870	680	510	740	630	550	490	440	730	620	540	480	430												
			4.47		Edge	750	610	480	370	500	440	390	360	330	500	430	390	350	320	300											
		N5	3.61	2.30	General	740	590	460	500	430																					
			6.57		Edge	510	410	330	340	300																					
		Internal	N2	1.06	0.67	General	2400	2030	1580	1190	890	740	670	600	530	460	1730	1480	1290	1150	1040	1700	1450	1270	1130	1020	920	850	780	720	680
				1.92		Edge	1750	1420	1130	860	650	560	510	460	410	360	1180	1040	920	830	770	1160	1020	910	820	750	690	650	600	570	540
	N3		1.65	1.05	General	1640	1300	1010	760	560	470	430	1100	950	830	730	660	1090	930	810	720	650	590	540	500	460	430				
			3.00		Edge	1120	910	720	550	420	360	320	750	660	590	530	490	740	650	580	520	480	440	410	380	360	340				
	N4		2.46	1.56	General	1100	870	680	510	740	630	550	490	440	730	620	540	480	430												
			4.47		Edge	750	610	480	370	500	440	390	360	330	500	430	390	350	320	300											
N5	3.61		2.30	General	740	590	460	500	430																						
	6.57			Edge	510	410	330	340	300																						

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 120 is fastened to 1.2mm thick steel support with 4 x #14-10x25 hex head screws at internal supports and 2 x #14-10x25 screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 120.

4.2 WALL

NON-CYCLONIC REGION - WALL

TS6175 Support Thickness = 1.0mm

Wall Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																	
						TOPSPAN® Span/Support Spacings																	
						Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)							
						1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	2500	2310	1360	1020	790	560	1930	1450	1160	960	830	650	1890	1420	1130	950	820	710
			1.44		Edge	2010	1380	880	670	510	340	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2270	1480	870	650	500	1230	930	740	610	530	420	1210	900	720	610	520	450	
			2.25		Edge	1280	880	560	430	320	670	550	480	430	390	350	650	530	470	430	390	350	
		N4	1.90	2.23	General	1520	990	580			830	620	500				810	610	490				
			3.35		Edge	860	590	380			450	370	320				440	360	310				
	N5	2.79	3.29	General	1030	670				560						550							
		4.93		Edge	580	400				300						300							
	Internal	N2	0.82	0.96	General	2700	2310	1360	1020	790	560	1930	1450	1160	960	830	650	1890	1420	1130	950	820	710
			1.44		Edge	2010	1380	880	670	510	340	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2270	1480	870	650	500	1230	930	740	610	530	420	1210	900	720	610	520	450	
			2.25		Edge	1280	880	560	430	320	670	550	480	430	390	350	650	530	470	430	390	350	
N4		1.90	2.23	General	1520	990	580			830	620	500				810	610	490					
		3.35		Edge	860	590	380			450	370	320				440	360	310					
N5	2.79	3.29	General	1030	670				560						550								
	4.93		Edge	580	400				300						300								
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	0.82	0.96	General	2500	2310	1360	1020	790	560	1930	1450	1160	960	830	650	1890	1420	1130	950	820	710
			1.44		Edge	2010	1380	880	670	510	340	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2270	1480	870	650	500	1230	930	740	610	530	420	1210	900	720	610	520	450	
			2.25		Edge	1280	880	560	430	320	670	550	480	430	390	350	650	530	470	430	390	350	
		N4	1.90	2.23	General	1520	990	580			830	620	500				810	610	490				
			3.35		Edge	860	590	380			450	370	320				440	360	310				
	N5	2.79	3.29	General	1030	670				560						550							
		4.93		Edge	580	400				300						300							
	Internal	N2	0.82	0.96	General	2700	2310	1360	1020	790	560	1930	1450	1160	960	830	650	1890	1420	1130	950	820	710
			1.44		Edge	2010	1380	880	670	510	340	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2270	1480	870	650	500	1230	930	740	610	530	420	1210	900	720	610	520	450	
			2.25		Edge	1280	880	560	430	320	670	550	480	430	390	350	650	530	470	430	390	350	
N4		1.90	2.23	General	1520	990	580			830	620	500				810	610	490					
		3.35		Edge	860	590	380			450	370	320				440	360	310					
N5	2.79	3.29	General	1030	670				560						550								
	4.93		Edge	580	400				300						300								
TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	3000	2310	1360	1020	790	560	1930	1450	1160	960	830	650	1890	1420	1130	950	820	710
			1.44		Edge	2010	1380	880	670	510	340	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2270	1480	870	650	500	1230	930	740	610	530	420	1210	900	720	610	520	450	
			2.25		Edge	1280	880	560	430	320	670	550	480	430	390	350	650	530	470	430	390	350	
		N4	1.90	2.23	General	1520	990	580			830	620	500				810	610	490				
			3.35		Edge	860	590	380			450	370	320				440	360	310				
	N5	2.79	3.29	General	1030	670				560						550							
		4.93		Edge	580	400				300						300							
	Internal	N2	0.82	0.96	General	3000	2310	1360	1020	790	560	1930	1450	1160	960	830	650	1890	1420	1130	950	820	710
			1.44		Edge	2010	1380	880	670	510	340	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2270	1480	870	650	500	1230	930	740	610	530	420	1210	900	720	610	520	450	
			2.25		Edge	1280	880	560	430	320	670	550	480	430	390	350	650	530	470	430	390	350	
N4		1.90	2.23	General	1520	990	580			830	620	500				810	610	490					
		3.35		Edge	860	590	380			450	370	320				440	360	310					
N5	2.79	3.29	General	1030	670				560						550								
	4.93		Edge	580	400				300						300								
SPANDEK® 0.42 3/sheet	End	N2	0.82	0.96	General	3000	2310	1360	1020	790	560	1930	1450	1160	960	830	650	1890	1420	1130	950	820	710
			1.44		Edge	2010	1380	880	670	510	340	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2270	1480	870	650	500	1230	930	740	610	530	420	1210	900	720	610	520	450	
			2.25		Edge	1280	880	560	430	320	670	550	480	430	390	350	650	530	470	430	390	350	
		N4	1.90	2.23	General	1520	990	580			830	620	500				810	610	490				
			3.35		Edge	860	590	380			450	370	320				440	360	310				
	N5	2.79	3.29	General	1030	670				560						550							
		4.93		Edge	580	400				300						300							
	Internal	N2	0.82	0.96	General	3300	2310	1360	1020	790	560	1930	1450	1160	960	830	650	1890	1420	1130	950	820	710
			1.44		Edge	2010	1380	880	670	510	340	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2270	1480	870	650	500	1230	930	740	610	530	420	1210	900	720	610	520	450	
			2.25		Edge	1280	880	560	430	320	670	550	480	430	390	350	650	530	470	430	390	350	
N4		1.90	2.23	General	1520	990	580			830	620	500				810	610	490					
		3.35		Edge	860	590	380			450	370	320				440	360	310					
N5	2.79	3.29	General	1030	670				560						550								
	4.93		Edge	580	400				300						300								

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.0mm thick steel support with 2 x #12-14x20 hex head screws to each support.

NON-CYCLONIC REGION - WALL

TS6175 Support Thickness = 1.2mm

Wall Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																	
						TOPSPAN® Span/Support Spacings																	
			Single Span (mm)						Continuous Span (mm)						Lapped Span (mm)								
			Outward	Inward		1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	2500	2310	1360	1020	790	560	2500	1970	1570	1180	910	650	2500	1930	1540	1280	1100	890
			1.44		Edge	2010	1380	880	670	510	340	1420	1160	1020	920	830	650	1400	1140	1000	900	810	740
		N3	1.28	1.5	General	2270	1480	870	650	500	1680	1260	1000	760	580	420	1650	1230	980	820	700	570	
			2.25		Edge	1280	880	560	430	320	910	740	650	590	530	420	890	730	640	570	520	470	
		N4	1.90	2.23	General	1520	990	580			1130	840	670	510	390		1110	830	660	550	470	380	
			3.35		Edge	860	590	380			610	500	440	390	360		600	490	430	380	350	310	
	N5	2.79	3.29	General	1030	670				760	570					750	560						
		4.93		Edge	580	400				410	340					400	330						
	Internal	N2	0.82	0.96	General	2700	2310	1360	1020	790	560	2630	1970	1570	1180	910	650	2580	1930	1540	1280	1100	890
			1.44		Edge	2010	1380	880	670	510	340	1420	1160	1020	920	830	650	1400	1140	1000	900	810	740
		N3	1.28	1.5	General	2270	1480	870	650	500	1680	1260	1000	760	580	420	1650	1230	980	820	700	570	
			2.25		Edge	1280	880	560	430	320	910	740	650	590	530	420	890	730	640	570	520	470	
N4		1.90	2.23	General	1520	990	580			1130	840	670	510	390		1110	830	660	550	470	380		
		3.35		Edge	860	590	380			610	500	440	390	360		600	490	430	380	350	310		
N5	2.79	3.29	General	1030	670				760	570					750	560							
	4.93		Edge	580	400				410	340					400	330							
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	0.82	0.96	General	2700	2310	1360	1020	790	560	2630	1970	1570	1180	910	650	2580	1930	1540	1280	1100	890
			1.44		Edge	2010	1380	880	670	510	340	1420	1160	1020	920	830	650	1400	1140	1000	900	810	740
		N3	1.28	1.5	General	2270	1480	870	650	500	1680	1260	1000	760	580	420	1650	1230	980	820	700	570	
			2.25		Edge	1280	880	560	430	320	910	740	650	590	530	420	890	730	640	570	520	470	
		N4	1.90	2.23	General	1520	990	580			1130	840	670	510	390		1110	830	660	550	470	380	
			3.35		Edge	860	590	380			610	500	440	390	360		600	490	430	380	350	310	
	N5	2.79	3.29	General	1030	670				760	570					750	560						
		4.93		Edge	580	400				410	340					400	330						
	Internal	N2	0.82	0.96	General	2700	2310	1360	1020	790	560	2630	1970	1570	1180	910	650	2580	1930	1540	1280	1100	890
			1.44		Edge	2010	1380	880	670	510	340	1420	1160	1020	920	830	650	1400	1140	1000	900	810	740
		N3	1.28	1.5	General	2270	1480	870	650	500	1680	1260	1000	760	580	420	1650	1230	980	820	700	570	
			2.25		Edge	1280	880	560	430	320	910	740	650	590	530	420	890	730	640	570	520	470	
N4		1.90	2.23	General	1520	990	580			1130	840	670	510	390		1110	830	660	550	470	380		
		3.35		Edge	860	590	380			610	500	440	390	360		600	490	430	380	350	310		
N5	2.79	3.29	General	1030	670				760	570					750	560							
	4.93		Edge	580	400				410	340					400	330							
TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	3000	2310	1360	1020	790	560	2630	1970	1570	1180	910	650	2580	1930	1540	1280	1100	890
			1.44		Edge	2010	1380	880	670	510	340	1420	1160	1020	920	830	650	1400	1140	1000	900	810	740
		N3	1.28	1.5	General	2270	1480	870	650	500	1680	1260	1000	760	580	420	1650	1230	980	820	700	570	
			2.25		Edge	1280	880	560	430	320	910	740	650	590	530	420	890	730	640	570	520	470	
		N4	1.90	2.23	General	1520	990	580			1130	840	670	510	390		1110	830	660	550	470	380	
			3.35		Edge	860	590	380			610	500	440	390	360		600	490	430	380	350	310	
	N5	2.79	3.29	General	1030	670				760	570					750	560						
		4.93		Edge	580	400				410	340					400	330						
	Internal	N2	0.82	0.96	General	3000	2310	1360	1020	790	560	2630	1970	1570	1180	910	650	2580	1930	1540	1280	1100	890
			1.44		Edge	2010	1380	880	670	510	340	1420	1160	1020	920	830	650	1400	1140	1000	900	810	740
		N3	1.28	1.5	General	2270	1480	870	650	500	1680	1260	1000	760	580	420	1650	1230	980	820	700	570	
			2.25		Edge	1280	880	560	430	320	910	740	650	590	530	420	890	730	640	570	520	470	
N4		1.90	2.23	General	1520	990	580			1130	840	670	510	390		1110	830	660	550	470	380		
		3.35		Edge	860	590	380			610	500	440	390	360		600	490	430	380	350	310		
N5	2.79	3.29	General	1030	670				760	570					750	560							
	4.93		Edge	580	400				410	340					400	330							
SPANDEK® 0.42 3/sheet	End	N2	0.82	0.96	General	3000	2310	1360	1020	790	560	2630	1970	1570	1180	910	650	2580	1930	1540	1280	1100	890
			1.44		Edge	2010	1380	880	670	510	340	1420	1160	1020	920	830	650	1400	1140	1000	900	810	740
		N3	1.28	1.5	General	2270	1480	870	650	500	1680	1260	1000	760	580	420	1650	1230	980	820	700	570	
			2.25		Edge	1280	880	560	430	320	910	740	650	590	530	420	890	730	640	570	520	470	
		N4	1.90	2.23	General	1520	990	580			1130	840	670	510	390		1110	830	660	550	470	380	
			3.35		Edge	860	590	380			610	500	440	390	360		600	490	430	380	350	310	
	N5	2.79	3.29	General	1030	670				760	570					750	560						
		4.93		Edge	580	400				410	340					400	330						
	Internal	N2	0.82	0.96	General	3300	2310	1360	1020	790	560	2630	1970	1570	1180	910	650	2580	1930	1540	1280	1100	890
			1.44		Edge	2010	1380	880	670	510	340	1420	1160	1020	920	830	650	1400	1140	1000	900	810	740
		N3	1.28	1.5	General	2270	1480	870	650	500	1680	1260	1000	760	580	420	1650	1230	980	820	700	570	
			2.25		Edge	1280	880	560	430	320	910	740	650	590	530	420	890	730	640	570	520	470	
N4		1.90	2.23	General	1520	990	580			1130	840	670	510	390		1110	830	660	550	470	380		
		3.35		Edge	860	590	380			610	500	440	390	360		600	490	430	380	350	310		
N5	2.79	3.29	General	1030	670				760	570					750	560							
	4.93		Edge	580	400				410	340					400	330							

NOTES:

NON-CYCLONIC REGION - WALL

TS6110 Support Thickness = 1.0mm

Wall Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																	
						TOPSPAN® Span/Support Spacings																	
			Single Span (mm)						Continuous Span (mm)						Lapped Span (mm)								
			Outward	Inward		1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	2500	2500	2130	1610	1250	880	1930	1450	1160	960	830	720	1890	1420	1130	950	820	710
			1.44		Edge	2500	1770	1200	950	770	570	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2500	2000	1360	1030	800	560	1230	930	740	610	530	460	1210	900	720	610	520	450
			2.25		Edge	1610	1130	770	610	490	360	670	550	480	430	390	350	650	530	470	430	390	350
		N4	1.90	2.23	General	1910	1340	910	690	530		830	620	500			810	610	490				
			3.35		Edge	1080	760	510	410	330		450	370	320			440	360	310				
	N5	2.79	3.29	General	1290	910	620				560					550							
		4.93		Edge	730	510	350				300					300							
	Internal	N2	0.82	0.96	General	2700	2700	2130	1610	1250	880	1930	1450	1160	960	830	720	1890	1420	1130	950	820	710
			1.44		Edge	2520	1770	1200	950	770	570	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2700	2000	1360	1030	800	560	1230	930	740	610	530	460	1210	900	720	610	520	450
			2.25		Edge	1610	1130	770	610	490	360	670	550	480	430	390	350	650	530	470	430	390	350
N4		1.90	2.23	General	1910	1340	910	690	530		830	620	500			810	610	490					
		3.35		Edge	1080	760	510	410	330		450	370	320			440	360	310					
N5	2.79	3.29	General	1290	910	620				560					550								
	4.93		Edge	730	510	350				300					300								
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	0.82	0.96	General	2700	3130	2130	1610	1250	880	1930	1450	1160	960	830	720	1890	1420	1130	950	820	710
			1.44		Edge	2520	1770	1200	950	770	570	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2700	2000	1360	1030	800	560	1230	930	740	610	530	460	1210	900	720	610	520	450
			2.25		Edge	1610	1130	770	610	490	360	670	550	480	430	390	350	650	530	470	430	390	350
		N4	1.90	2.23	General	1910	1340	910	690	530		830	620	500			810	610	490				
			3.35		Edge	1080	760	510	410	330		450	370	320			440	360	310				
	N5	2.79	3.29	General	1290	910	620				560					550							
		4.93		Edge	730	510	350				300					300							
	Internal	N2	0.82	0.96	General	2700	2700	2130	1610	1250	880	1930	1450	1160	960	830	720	1890	1420	1130	950	820	710
			1.44		Edge	2520	1770	1200	950	770	570	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2700	2000	1360	1030	800	560	1230	930	740	610	530	460	1210	900	720	610	520	450
			2.25		Edge	1610	1130	770	610	490	360	670	550	480	430	390	350	650	530	470	430	390	350
N4		1.90	2.23	General	1910	1340	910	690	530		830	620	500			810	610	490					
		3.35		Edge	1080	760	510	410	330		450	370	320			440	360	310					
N5	2.79	3.29	General	1290	910	620				560					550								
	4.93		Edge	730	510	350				300					300								
TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	3000	3000	2130	1610	1250	880	1930	1450	1160	960	830	720	1890	1420	1130	950	820	710
			1.44		Edge	2520	1770	1200	950	770	570	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2840	2000	1360	1030	800	560	1230	930	740	610	530	460	1210	900	720	610	520	450
			2.25		Edge	1610	1130	770	610	490	360	670	550	480	430	390	350	650	530	470	430	390	350
		N4	1.90	2.23	General	1910	1340	910	690	530		830	620	500			810	610	490				
			3.35		Edge	1080	760	510	410	330		450	370	320			440	360	310				
	N5	2.79	3.29	General	1290	910	620				560					550							
		4.93		Edge	730	510	350				300					300							
	Internal	N2	0.82	0.96	General	3000	3000	2130	1610	1250	880	1930	1450	1160	960	830	720	1890	1420	1130	950	820	710
			1.44		Edge	2520	1770	1200	950	770	570	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2840	2000	1360	1030	800	560	1230	930	740	610	530	460	1210	900	720	610	520	450
			2.25		Edge	1610	1130	770	610	490	360	670	550	480	430	390	350	650	530	470	430	390	350
N4		1.90	2.23	General	1910	1340	910	690	530		830	620	500			810	610	490					
		3.35		Edge	1080	760	510	410	330		450	370	320			440	360	310					
N5	2.79	3.29	General	1290	910	620				560					550								
	4.93		Edge	730	510	350				300					300								
SPANDEK® 0.42 3/sheet	End	N2	0.82	0.96	General	3000	3000	2130	1610	1250	880	1930	1450	1160	960	830	720	1890	1420	1130	950	820	710
			1.44		Edge	2520	1770	1200	950	770	570	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2840	2000	1360	1030	800	560	1230	930	740	610	530	460	1210	900	720	610	520	450
			2.25		Edge	1610	1130	770	610	490	360	670	550	480	430	390	350	650	530	470	430	390	350
		N4	1.90	2.23	General	1910	1340	910	690	530		830	620	500			810	610	490				
			3.35		Edge	1080	760	510	410	330		450	370	320			440	360	310				
	N5	2.79	3.29	General	1290	910	620				560					550							
		4.93		Edge	730	510	350				300					300							
	Internal	N2	0.82	0.96	General	3300	3130	2130	1610	1250	880	1930	1450	1160	960	830	720	1890	1420	1130	950	820	710
			1.44		Edge	2520	1770	1200	950	770	570	1050	860	750	680	610	560	1030	830	730	670	610	550
		N3	1.28	1.5	General	2840	2000	1360	1030	800	560	1230	930	740	610	530	460	1210	900	720	610	520	450
			2.25		Edge	1610	1130	770	610	490	360	670	550	480	430	390	350	650	530	470	430	390	350
N4		1.90	2.23	General	1910	1340	910	690	530		830	620	500			810	610	490					
		3.35		Edge	1080	760	510	410	330		450	370	320			440	360	310					
N5	2.79	3.29	General	1290	910	620				560					550								
	4.93		Edge	730	510	350																	

NON-CYCLONIC REGION - WALL

TS6110 Support Thickness = 1.2mm

Wall Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																	
						TOPSPAN® Span/Support Spacings																	
			Single Span (mm)						Continuous Span (mm)						Lapped Span (mm)								
			Outward	Inward		1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	2500	2500	2130	1610	1250	880	2500	1970	1580	1310	1120	940	2500	1930	1540	1280	1100	960
			1.44		Edge	2500	1770	1200	950	770	570	1420	1160	1020	920	830	770	1400	1140	1000	900	810	750
		N3	1.28	1.5	General	2500	2000	1360	1030	800	560	1680	1260	1010	830	720	600	1650	1230	980	820	700	610
			2.25		Edge	1610	1130	770	610	490	360	910	740	650	590	530	490	890	730	640	570	520	480
		N4	1.90	2.23	General	1910	1340	910	690	530		1130	840	670	560	480	400	1110	830	660	550	470	410
			3.35		Edge	1080	760	510	410	330		610	500	440	390	360	330	600	490	430	380	350	320
	N5	2.79	3.29	General	1290	910	620				760	570					750	560					
		4.93		Edge	730	510	350				410	340					400	330					
	Internal	N2	0.82	0.96	General	2700	2700	2130	1610	1250	880	2630	1970	1580	1310	1120	940	2580	1930	1540	1280	1100	960
			1.44		Edge	2520	1770	1200	950	770	570	1420	1160	1020	920	830	770	1400	1140	1000	900	810	750
		N3	1.28	1.5	General	2700	2000	1360	1030	800	560	1680	1260	1010	830	720	600	1650	1230	980	820	700	610
			2.25		Edge	1610	1130	770	610	490	360	910	740	650	590	530	490	890	730	640	570	520	480
N4		1.90	2.23	General	1910	1340	910	690	530		1130	840	670	560	480	400	1110	830	660	550	470	410	
		3.35		Edge	1080	760	510	410	330		610	500	440	390	360	330	600	490	430	380	350	320	
N5	2.79	3.29	General	1290	910	620				760	570					750	560						
	4.93		Edge	730	510	350				410	340					400	330						
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	0.82	0.96	General	2700	2700	2130	1610	1250	880	2630	1970	1580	1310	1120	940	2580	1930	1540	1280	1100	960
			1.44		Edge	2520	1770	1200	950	770	570	1420	1160	1020	920	830	770	1400	1140	1000	900	810	750
		N3	1.28	1.5	General	2700	2000	1360	1030	800	560	1680	1260	1010	830	720	600	1650	1230	980	820	700	610
			2.25		Edge	1610	1130	770	610	490	360	910	740	650	590	530	490	890	730	640	570	520	480
		N4	1.90	2.23	General	1910	1340	910	690	530		1130	840	670	560	480	400	1110	830	660	550	470	410
			3.35		Edge	1080	760	510	410	330		610	500	440	390	360	330	600	490	430	380	350	320
	N5	2.79	3.29	General	1290	910	620				760	570					750	560					
		4.93		Edge	730	510	350				410	340					400	330					
	Internal	N2	0.82	0.96	General	2700	2700	2130	1610	1250	880	2630	1970	1580	1310	1120	940	2580	1930	1540	1280	1100	960
			1.44		Edge	2520	1770	1200	950	770	570	1420	1160	1020	920	830	770	1400	1140	1000	900	810	750
		N3	1.28	1.5	General	2700	2000	1360	1030	800	560	1680	1260	1010	830	720	600	1650	1230	980	820	700	610
			2.25		Edge	1610	1130	770	610	490	360	910	740	650	590	530	490	890	730	640	570	520	480
N4		1.90	2.23	General	1910	1340	910	690	530		1130	840	670	560	480	400	1110	830	660	550	470	410	
		3.35		Edge	1080	760	510	410	330		610	500	440	390	360	330	600	490	430	380	350	320	
N5	2.79	3.29	General	1290	910	620				760	570					750	560						
	4.93		Edge	730	510	350				410	340					400	330						
TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	3000	3000	2130	1610	1250	880	2630	1970	1580	1310	1120	940	2580	1930	1540	1280	1100	960
			1.44		Edge	2520	1770	1200	950	770	570	1420	1160	1020	920	830	770	1400	1140	1000	900	810	750
		N3	1.28	1.5	General	2840	2000	1360	1030	800	560	1680	1260	1010	830	720	600	1650	1230	980	820	700	610
			2.25		Edge	1610	1130	770	610	490	360	910	740	650	590	530	490	890	730	640	570	520	480
		N4	1.90	2.23	General	1910	1340	910	690	530		1130	840	670	560	480	400	1110	830	660	550	470	410
			3.35		Edge	1080	760	510	410	330		610	500	440	390	360	330	600	490	430	380	350	320
	N5	2.79	3.29	General	1290	910	620				760	570					750	560					
		4.93		Edge	730	510	350				410	340					400	330					
	Internal	N2	0.82	0.96	General	3000	3000	2130	1610	1250	880	2630	1970	1580	1310	1120	940	2580	1930	1540	1280	1100	960
			1.44		Edge	2520	1770	1200	950	770	570	1420	1160	1020	920	830	770	1400	1140	1000	900	810	750
		N3	1.28	1.5	General	2840	2000	1360	1030	800	560	1680	1260	1010	830	720	600	1650	1230	980	820	700	610
			2.25		Edge	1610	1130	770	610	490	360	910	740	650	590	530	490	890	730	640	570	520	480
N4		1.90	2.23	General	1910	1340	910	690	530		1130	840	670	560	480	400	1110	830	660	550	470	410	
		3.35		Edge	1080	760	510	410	330		610	500	440	390	360	330	600	490	430	380	350	320	
N5	2.79	3.29	General	1290	910	620				760	570					750	560						
	4.93		Edge	730	510	350				410	340					400	330						
SPANDEK® 0.42 3/sheet	End	N2	0.82	0.96	General	3000	3000	2130	1610	1250	880	2630	1970	1580	1310	1120	940	2580	1930	1540	1280	1100	960
			1.44		Edge	2520	1770	1200	950	770	570	1420	1160	1020	920	830	770	1400	1140	1000	900	810	750
		N3	1.28	1.5	General	2840	2000	1360	1030	800	560	1680	1260	1010	830	720	600	1650	1230	980	820	700	610
			2.25		Edge	1610	1130	770	610	490	360	910	740	650	590	530	490	890	730	640	570	520	480
		N4	1.90	2.23	General	1910	1340	910	690	530		1130	840	670	560	480	400	1110	830	660	550	470	410
			3.35		Edge	1080	760	510	410	330		610	500	440	390	360	330	600	490	430	380	350	320
	N5	2.79	3.29	General	1290	910	620				760	570					750	560					
		4.93		Edge	730	510	350				410	340					400	330					
	Internal	N2	0.82	0.96	General	3300	3130	2130	1610	1250	880	2630	1970	1580	1310	1120	940	2580	1930	1540	1280	1100	960
			1.44		Edge	2520	1770	1200	950	770	570	1420	1160	1020	920	830	770	1400	1140	1000	900	810	750
		N3	1.28	1.5	General	2840	2000	1360	1030	800	560	1680	1260	1010	830	720	600	1650	1230	980	820	700	610
			2.25		Edge	1610	1130	770	610	490	360	910	740	650	590	530	490	890	730	640	570	520	480
N4		1																					

NON-CYCLONIC REGION - WALL

TS6112 Support Thickness = 1.2mm

Wall Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																					
						TOPSPAN® Span/Support Spacings																					
			Outward Inward					Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)									
								2000	2500	3000	3500	4000	4500	5000	5500	2000	2500	3000	3500	4000	2000	2500	3000	3500	4000	4500	5000
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	2500	2400	1860	1400	920	800	670	540	1970	1580	1310	1120	920	1930	1540	1280	1100	960	850	770	690	640
			1.44	Edge	1710	1360	1050	790	590	520	430	350	1160	1020	920	830	770	1140	1000	900	810	750	690	640	600	560	
		N3	1.28	1.5	General	1930	1530	1190	900	590	510	1260	1010	830	720	590	1230	980	820	700	610	540	490	440	410		
			2.25	Edge	1090	870	670	510	370	330	740	650	590	530	490	730	640	570	520	480	440	410	380	360			
		N4	1.90	2.23	General	1300	1030	800	600	840	670	560	480	390	830	660	550	470	410								
			3.35	Edge	730	580	450	340	500	440	390	360	330	490	430	380	350	320									
	N5	2.79	3.29	General	880	700	540	570	560																		
		4.93	Edge	500	390	300	340	330																			
	Internal	N2	0.82	0.96	General	2700	2400	1860	1400	920	800	670	540	1970	1580	1310	1120	920	1930	1540	1280	1100	960	850	770	690	640
			1.44	Edge	1710	1360	1050	790	590	520	430	350	1160	1020	920	830	770	1140	1000	900	810	750	690	640	600	560	
		N3	1.28	1.5	General	1930	1530	1190	900	590	510	1260	1010	830	720	590	1230	980	820	700	610	540	490	440	410		
			2.25	Edge	1090	870	670	510	370	330	740	650	590	530	490	730	640	570	520	480	440	410	380	360			
N4		1.90	2.23	General	1300	1030	800	600	840	670	560	480	390	830	660	550	470	410									
		3.35	Edge	730	580	450	340	500	440	390	360	330	490	430	380	350	320										
N5	2.79	3.29	General	880	700	540	570	560																			
	4.93	Edge	500	390	300	340	330																				
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	0.82	0.96	General	2700	2400	1860	1400	920	800	670	540	1970	1580	1310	1120	920	1930	1540	1280	1100	960	850	770	690	640
			1.44	Edge	1710	1360	1050	790	590	520	430	350	1160	1020	920	830	770	1140	1000	900	810	750	690	640	600	560	
		N3	1.28	1.5	General	1930	1530	1190	900	590	510	1260	1010	830	720	590	1230	980	820	700	610	540	490	440	410		
			2.25	Edge	1090	870	670	510	370	330	740	650	590	530	490	730	640	570	520	480	440	410	380	360			
		N4	1.90	2.23	General	1300	1030	800	600	840	670	560	480	390	830	660	550	470	410								
			3.35	Edge	730	580	450	340	500	440	390	360	330	490	430	380	350	320									
	N5	2.79	3.29	General	880	700	540	570	560																		
		4.93	Edge	500	390	300	340	330																			
	Internal	N2	0.82	0.96	General	2700	2400	1860	1400	920	800	670	540	1970	1580	1310	1120	920	1930	1540	1280	1100	960	850	770	690	640
			1.44	Edge	1710	1360	1050	790	590	520	430	350	1160	1020	920	830	770	1140	1000	900	810	750	690	640	600	560	
		N3	1.28	1.5	General	1930	1530	1190	900	590	510	1260	1010	830	720	590	1230	980	820	700	610	540	490	440	410		
			2.25	Edge	1090	870	670	510	370	330	740	650	590	530	490	730	640	570	520	480	440	410	380	360			
N4		1.90	2.23	General	1300	1030	800	600	840	670	560	480	390	830	660	550	470	410									
		3.35	Edge	730	580	450	340	500	440	390	360	330	490	430	380	350	320										
N5	2.79	3.29	General	880	700	540	570	560																			
	4.93	Edge	500	390	300	340	330																				
TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	3000	2400	1860	1400	920	800	670	540	1970	1580	1310	1120	920	1930	1540	1280	1100	960	850	770	690	640
			1.44	Edge	1710	1360	1050	790	590	520	430	350	1160	1020	920	830	770	1140	1000	900	810	750	690	640	600	560	
		N3	1.28	1.5	General	1930	1530	1190	900	590	510	1260	1010	830	720	590	1230	980	820	700	610	540	490	440	410		
			2.25	Edge	1090	870	670	510	370	330	740	650	590	530	490	730	640	570	520	480	440	410	380	360			
		N4	1.90	2.23	General	1300	1030	800	600	840	670	560	480	390	830	660	550	470	410								
			3.35	Edge	730	580	450	340	500	440	390	360	330	490	430	380	350	320									
	N5	2.79	3.29	General	880	700	540	570	560																		
		4.93	Edge	500	390	300	340	330																			
	Internal	N2	0.82	0.96	General	3000	2400	1860	1400	920	800	670	540	1970	1580	1310	1120	920	1930	1540	1280	1100	960	850	770	690	640
			1.44	Edge	1710	1360	1050	790	590	520	430	350	1160	1020	920	830	770	1140	1000	900	810	750	690	640	600	560	
		N3	1.28	1.5	General	1930	1530	1190	900	590	510	1260	1010	830	720	590	1230	980	820	700	610	540	490	440	410		
			2.25	Edge	1090	870	670	510	370	330	740	650	590	530	490	730	640	570	520	480	440	410	380	360			
N4		1.90	2.23	General	1300	1030	800	600	840	670	560	480	390	830	660	550	470	410									
		3.35	Edge	730	580	450	340	500	440	390	360	330	490	430	380	350	320										
N5	2.79	3.29	General	880	700	540	570	560																			
	4.93	Edge	500	390	300	340	330																				
SPANDEK® 0.42 3/sheet	End	N2	0.82	0.96	General	3000	2400	1860	1400	920	800	670	540	1970	1580	1310	1120	920	1930	1540	1280	1100	960	850	770	690	640
			1.44	Edge	1710	1360	1050	790	590	520	430	350	1160	1020	920	830	770	1140	1000	900	810	750	690	640	600	560	
		N3	1.28	1.5	General	1930	1530	1190	900	590	510	1260	1010	830	720	590	1230	980	820	700	610	540	490	440	410		
			2.25	Edge	1090	870	670	510	370	330	740	650	590	530	490	730	640	570	520	480	440	410	380	360			
		N4	1.90	2.23	General	1300	1030	800	600	840	670	560	480	390	830	660	550	470	410								
			3.35	Edge	730	580	450	340	500	440	390	360	330	490	430	380	350	320									
	N5	2.79	3.29	General	880	700	540	570	560																		
		4.93	Edge	500	390	300	340	330																			
	Internal	N2	0.82	0.96	General	3020	2400	1860	1400	920	800	670	540	1970	1580	1310	1120	920	1930	1540	1280	1100	960	850	770	690	640
			1.44	Edge	1710	1360	1050	790	590	520	430	350	1160	1020	920	830	770	1140	1000	900	810	750	690	640	600	560	
		N3	1.28	1.5	General	1930	1530	1190	900	590	510	1260	1010	830	720	590	1230	980	820	700	610	540	490	440	410		
			2.25	Edge	1090	870	670	510	370	330	740	650	590	530	490	730	640	570	520	480	440	410	380	360			
N4		1.90	2.23	General	1300	1030	800	600	840	670	560	480	390	830	660	550	470	410									
		3.35	Edge	730	580	450	340	500	440	390	360	330	490	430	380	350	320										
N5	2.79	3.29	General	880	700	540	570	560																			
	4.93	Edge	500	390	300	340	330																				

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.2mm thick steel support with 2 x #12-14x20 hex head screws to each support.

NON-CYCLONIC REGION - WALL

TS9675 Support Thickness = 1.0mm

Wall Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																				
						TOPSPAN® Span/Support Spacings																				
			Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)													
			Outward	Inward		3000	3500	4000	4500	5000	5500	3000	3500	4000	4500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	1480	1230	1010	820	660	570	1660	1430	1160	920	1640	1400	1220	1090	950	820	730	640	570	480	
			1.44		Edge	840	700	570	470	370	320	1170	1060	950	780	1150	1040	950	870	800	700	630	560	490	420	
		N3	1.28	1.5	General	940	790	650	530			1060	910	740	590	1050	900	780	690	610	520	470	410	360		
			2.25		Edge	530	440	360	300			750	680	600	490	730	670	600	560	510	450	400	360	310		
		N4	1.90	2.23	General	630	530					710	610	500	390	700	600	520	460	410	350					
			3.35		Edge	360	300					500	450	400	330	490	450	400	370	340	300					
	N5	2.79	3.29	General							480	410			470	410										
		4.93		Edge							340	310			330	300										
	Internal	N2	0.82	0.96	General	1480	1230	1010	820	660	570	1660	1430	1160	920	1640	1400	1220	1090	950	820	730	640	570	480	
			1.44		Edge	840	700	570	470	370	320	1170	1060	950	780	1150	1040	950	870	800	700	630	560	490	420	
		N3	1.28	1.5	General	940	790	650	530			1060	910	740	590	1050	900	780	690	610	520	470	410	360		
			2.25		Edge	530	440	360	300			750	680	600	490	730	670	600	560	510	450	400	360	310		
N4		1.90	2.23	General	630	530					710	610	500	390	700	600	520	460	410	350						
		3.35		Edge	360	300					500	450	400	330	490	450	400	370	340	300						
N5	2.79	3.29	General							480	410			470	410											
	4.93		Edge							340	310			330	300											
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	0.82	0.96	General	1480	1230	1010	820	660	570	1660	1430	1160	920	1640	1400	1220	1090	950	820	730	640	570	480	
			1.44		Edge	840	700	570	470	370	320	1170	1060	950	780	1150	1040	950	870	800	700	630	560	490	420	
		N3	1.28	1.5	General	940	790	650	530			1060	910	740	590	1050	900	780	690	610	520	470	410	360		
			2.25		Edge	530	440	360	300			750	680	600	490	730	670	600	560	510	450	400	360	310		
		N4	1.90	2.23	General	630	530					710	610	500	390	700	600	520	460	410	350					
			3.35		Edge	360	300					500	450	400	330	490	450	400	370	340	300					
	N5	2.79	3.29	General	1480	1230					480	410			470	410	350	310								
		4.93		Edge							340	310			330	300										
	Internal	N2	0.82	0.96	General	1010	820	660	570			1660	1430	1160	920	1640	1400	1220	1090	950	820	730	640	570	480	
			1.44		Edge	840	700	570	470	370	320	1170	1060	950	780	1150	1040	950	870	800	700	630	560	490	420	
		N3	1.28	1.5	General	940	790	650	530			1060	910	740	590	1050	900	780	690	610	520	470	410	360		
			2.25		Edge	530	440	360	300			750	680	600	490	730	670	600	560	510	450	400	360	310		
N4		1.90	2.23	General	630	530					710	610	500	390	700	600	520	460	410	350						
		3.35		Edge	360	300					500	450	400	330	490	450	400	370	340	300						
N5	2.79	3.29	General							480	410			470	410											
	4.93		Edge							340	310			330	300											
TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	1480	1230	1010	820	660	570	1660	1430	1160	920	1640	1400	1220	1090	950	820	730	640	570	480	
			1.44		Edge	840	700	570	470	370	320	1170	1060	950	780	1150	1040	950	870	800	700	630	560	490	420	
		N3	1.28	1.5	General	940	790	650	530			1060	910	740	590	1050	900	780	690	610	520	470	410	360		
			2.25		Edge	530	440	360	300			750	680	600	490	730	670	600	560	510	450	400	360	310		
		N4	1.90	2.23	General	630	530					710	610	500	390	700	600	520	460	410	350	310				
			3.35		Edge	360	300					500	450	400	330	490	450	400	370	340	300					
	N5	2.79	3.29	General							480	410			470	410										
		4.93		Edge							340	310			330	300										
	Internal	N2	0.82	0.96	General	1480	1230	1010	820	660	570	1660	1430	1160	920	1640	1400	1220	1090	950	820	730	640	570	480	
			1.44		Edge	840	700	570	470	370	320	1170	1060	950	780	1150	1040	950	870	800	700	630	560	490	420	
		N3	1.28	1.5	General	940	790	650	530			1060	910	740	590	1050	900	780	690	610	520	470	410	360		
			2.25		Edge	530	440	360	300			750	680	600	490	730	670	600	560	510	450	400	360	310		
N4		1.90	2.23	General	630	530					710	610	500	390	700	600	520	460	410	350						
		3.35		Edge	360	300					500	450	400	330	490	450	400	370	340	300						
N5	2.79	3.29	General							480	410			470	410											
	4.93		Edge							340	310			330	300											
SPANDEK® 0.42 3/sheet	End	N2	0.82	0.96	General	1480	1230	1010	820	660	570	1660	1430	1160	920	1640	1400	1220	1090	950	820	730	640	570	480	
			1.44		Edge	840	700	570	470	370	320	1170	1060	950	780	1150	1040	950	870	800	700	630	560	490	420	
		N3	1.28	1.5	General	940	790	650	530			1060	910	740	590	1050	900	780	690	610	520	470	410	360		
			2.25		Edge	530	440	360	300			750	680	600	490	730	670	600	560	510	450	400	360	310		
		N4	1.90	2.23	General	630	530					710	610	500	390	700	600	520	460	410	350					
			3.35		Edge	360	300					500	450	400	330	490	450	400	370	340	300					
	N5	2.79	3.29	General							480	410			470	410										
		4.93		Edge							340	310			330	300										
	Internal	N2	0.82	0.96	General	1480	1230	1010	820	660	570	1660	1430	1160	920	1640	1400	1220	1090	950	820	730	640	570	480	
			1.44		Edge	840	700	570	470	370	320	1170	1060	950	780	1150	1040	950	870	800	700	630	560	490	420	
		N3	1.28	1.5	General	940	790	650	530			1060	910	740	590	1050	900	780	690	610						

NON-CYCLONIC REGION - WALL

TS9675 Support Thickness = 1.2mm

Wall Profile ORB (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																				
						TOPSPAN® Span/Support Spacings																				
			Outward Inward			Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)										
						3000	3500	4000	4500	5000	5500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500					
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	1480	1230	1010	820	660	570	2040	1510	1160	920	2180	1800	1470	1180	950	820	730	640	570	480	
			1.44			Edge	840	700	570	470	370	320	1530	1190	950	780	1530	1330	1140	950	800	700	630	560	490	420
		N3	1.28	1.5	General	940	790	650	530				1300	960	740	590	1390	1150	940	760	610	520	470	410	360	
			2.25			Edge	530	440	360	300				980	760	600	490	980	850	730	610	510	450	400	360	310
		N4	1.90	2.23	General	630	530						870	650	500	390	930	770	630	510	410	350				
			3.35			Edge	360	300						650	510	400	330	650	570	490	410	340	300			
		N5	2.79	3.29	General								590	440			630	520	420							
			4.93			Edge								440	340			440	390	330						
		Internal	N2	0.82	0.96	General	1480	1230	1010	820	660	570	2040	1510	1160	920	2180	1800	1470	1180	950	820	730	640	570	480
				1.44			Edge	840	700	570	470	370	320	1530	1190	950	780	1530	1330	1140	950	800	700	630	560	490
	N3		1.28	1.5	General	940	790	650	530				1300	960	740	590	1390	1150	940	760	610	520	470	410	360	
			2.25			Edge	530	440	360	300				980	760	600	490	980	850	730	610	510	450	400	360	310
	N4		1.90	2.23	General	630	530						870	650	500	390	930	770	630	510	410	350				
			3.35			Edge	360	300						650	510	400	330	650	570	490	410	340	300			
	N5		2.79	3.29	General								590	440			630	520	420							
			4.93			Edge								440	340			440	390	330						
CUSTOM BLUE ORB® 0.60 3/sheet	End		N2	0.82	0.96	General	1480	1230	1010	820	660	570	2040	1510	1160	920	2180	1800	1470	1180	950	820	730	640	570	480
				1.44			Edge	840	700	570	470	370	320	1530	1190	950	780	1530	1330	1140	950	800	700	630	560	490
		N3	1.28	1.5	General	940	790	650	530				1300	960	740	590	1390	1150	940	760	610	520	470	410	360	
			2.25			Edge	530	440	360	300				980	760	600	490	980	850	730	610	510	450	400	360	310
		N4	1.90	2.23	General	630	530						870	650	500	390	930	770	630	510	410	350				
			3.35			Edge	360	300						650	510	400	330	650	570	490	410	340	300			
		N5	2.79	3.29	General								590	440			630	520	420							
			4.93			Edge								440	340			440	390	330						
		Internal	N2	0.82	0.96	General	1480	1230	1010	820	660	570	2040	1510	1160	920	2180	1800	1470	1180	950	820	730	640	570	480
				1.44			Edge	840	700	570	470	370	320	1530	1190	950	780	1530	1330	1140	950	800	700	630	560	490
	N3		1.28	1.5	General	940	790	650	530				1300	960	740	590	1390	1150	940	760	610	520	470	410	360	
			2.25			Edge	530	440	360	300				980	760	600	490	980	850	730	610	510	450	400	360	310
	N4		1.90	2.23	General	630	530						870	650	500	390	930	770	630	510	410	350				
			3.35			Edge	360	300						650	510	400	330	650	570	490	410	340	300			
	N5		2.79	3.29	General								590	440			630	520	420							
			4.93			Edge								440	340			440	390	330						
TRIMDEK® 0.42 4/sheet	End		N2	0.82	0.96	General	1480	1230	1010	820	660	570	2040	1510	1160	920	2180	1800	1470	1180	950	820	730	640	570	480
				1.44			Edge	840	700	570	470	370	320	1530	1190	950	780	1530	1330	1140	950	800	700	630	560	490
		N3	1.28	1.5	General	940	790	650	530				1300	960	740	590	1390	1150	940	760	610	520	470	410	360	
			2.25			Edge	530	440	360	300				980	760	600	490	980	850	730	610	510	450	400	360	310
		N4	1.90	2.23	General	630	530						870	650	500	390	930	770	630	510	410	350				
			3.35			Edge	360	300						650	510	400	330	650	570	490	410	340	300			
		N5	2.79	3.29	General								590	440			630	520	420							
			4.93			Edge								440	340			440	390	330						
		Internal	N2	0.82	0.96	General	1480	1230	1010	820	660	570	2040	1510	1160	920	2180	1800	1470	1180	950	820	730	640	570	480
				1.44			Edge	840	700	570	470	370	320	1530	1190	950	780	1530	1330	1140	950	800	700	630	560	490
	N3		1.28	1.5	General	940	790	650	530				1300	960	740	590	1390	1150	940	760	610	520	470	410	360	
			2.25			Edge	530	440	360	300				980	760	600	490	980	850	730	610	510	450	400	360	310
	N4		1.90	2.23	General	630	530						870	650	500	390	930	770	630	510	410	350				
			3.35			Edge	360	300						650	510	400	330	650	570	490	410	340	300			
	N5		2.79	3.29	General								590	440			630	520	420							
			4.93			Edge								440	340			440	390	330						
SPANDEK® 0.42 3/sheet	End		N2	0.82	0.96	General	1480	1230	1010	820	660	570	2040	1510	1160	920	2180	1800	1470	1180	950	820	730	640	570	480
				1.44			Edge	840	700	570	470	370	320	1530	1190	950	780	1530	1330	1140	950	800	700	630	560	490
		N3	1.28	1.5	General	940	790	650	530				1300	960	740	590	1390	1150	940	760	610	520	470	410	360	
			2.25			Edge	530	440	360	300				980	760	600	490	980	850	730	610	510	450	400	360	310
		N4	1.90	2.23	General	630	530						870	650	500	390	930	770	630	510	410	350				
			3.35			Edge	360	300						650	510	400	330	650	570	490	410	340	300			
		N5	2.79	3.29	General								590	440			630	520	420							
			4.93			Edge								440	340			440	390	330						
		Internal	N2	0.82	0.96	General	1480	1230	1010	820	660	570	2040	1510	1160	920	2180	1800	1470	1180	950	820	730	640	570	480
				1.44			Edge	840	700	570	470	370	320	1530	1190	950	780	1530	1330	1140	950	800	700	630	560	490
	N3		1.28	1.5	General	940	790	650	530				1300	960	740	590	1390									

NON-CYCLONIC REGION - WALL

TS9610 Support Thickness = 1.0mm

Wall Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																							
						TOPSPAN® Span/Support Spacings																							
			Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)																
			Outward	Inward		3000	3500	4000	4500	5000	5500	6000	6500	3000	3500	4000	4500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500		
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	2380	1890	1470	1110	830	690	620	550	1660	1430	1250	1110	1640	1400	1220	1090	980	890	820	750	690	640		
			1.44		Edge	1350	1070	830	630	470	390	350	310	1170	1060	970	890	1150	1040	950	870	820	760	710	650	600	560		
		N3	1.28	1.5	General	1520	1210	940	710	530					1060	910	800	710	1050	900	780	690	620	570	520	480	440	410	
			2.25		Edge	860	680	530	400	300					750	680	620	570	730	670	600	560	520	490	450	420	380	360	
		N4	1.90	2.23	General	1020	810	630							710	610	530	470	700	600	520	460	420	380	350				
			3.35		Edge	580	460	350							500	450	410	380	490	450	400	370	350	330	300				
		N5	2.79	3.29	General	690	550								480	410			470	410									
			4.93		Edge	390	310								340	310			330	300									
		CUSTOM BLUE ORB® 0.60 3/sheet	Internal	N2	0.82	0.96	General	2380	1890	1470	1110	830	690	620	550	1660	1430	1250	1110	1640	1400	1220	1090	980	890	820	750	690	640
					1.44		Edge	1350	1070	830	630	470	390	350	310	1170	1060	970	890	1150	1040	950	870	820	760	710	650	600	560
N3	1.28			1.5	General	1520	1210	940	710	530					1060	910	800	710	1050	900	780	690	620	570	520	480	440	410	
	2.25				Edge	860	680	530	400	300					750	680	620	570	730	670	600	560	520	490	450	420	380	360	
N4	1.90			2.23	General	1020	810	630							710	610	530	470	700	600	520	460	420	380	350				
	3.35				Edge	580	460	350							500	450	410	380	490	450	400	370	350	330	300				
N5	2.79			3.29	General	690	550								480	410			470	410									
	4.93				Edge	390	310								340	310			330	300									
TRIMDEK® 0.42 4/sheet	End			N2	0.82	0.96	General	2380	1890	1470	1110	830	690	620	550	1660	1430	1250	1110	1640	1400	1220	1090	980	890	820	750	690	640
					1.44		Edge	1350	1070	830	630	470	390	350	310	1170	1060	970	890	1150	1040	950	870	820	760	710	650	600	560
		N3	1.28	1.5	General	1520	1210	940	710	530					1060	910	800	710	1050	900	780	690	620	570	520	480	440	410	
			2.25		Edge	860	680	530	400	300					750	680	620	570	730	670	600	560	520	490	450	420	380	360	
		N4	1.90	2.23	General	1020	810	630							710	610	530	470	700	600	520	460	420	380	350				
			3.35		Edge	580	460	350							500	450	410	380	490	450	400	370	350	330	300				
		N5	2.79	3.29	General	690	550								480	410			470	410									
			4.93		Edge	390	310								340	310			330	300									
		SPANDEK® 0.42 3/sheet	Internal	N2	0.82	0.96	General	2380	1890	1470	1110	830	690	620	550	1660	1430	1250	1110	1640	1400	1220	1090	980	890	820	750	690	640
					1.44		Edge	1350	1070	830	630	470	390	350	310	1170	1060	970	890	1150	1040	950	870	820	760	710	650	600	560
N3	1.28			1.5	General	1520	1210	940	710	530					1060	910	800	710	1050	900	780	690	620	570	520	480	440	410	
	2.25				Edge	860	680	530	400	300					750	680	620	570	730	670	600	560	520	490	450	420	380	360	
N4	1.90			2.23	General	1020	810	630							710	610	530	470	700	600	520	460	420	380	350				
	3.35				Edge	580	460	350							500	450	410	380	490	450	400	370	350	330	300				
N5	2.79			3.29	General	690	550								480	410			470	410									
	4.93				Edge	390	310								340	310			330	300									

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 96 is fastened to 1.0mm thick steel support with 4 x M6.5-12x30 hex head screws at internal supports and 2 x M6.5-12x30 screws at end supports.

NON-CYCLONIC REGION - WALL

TS9610 Support Thickness = 1.2mm

Wall Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																							
						TOPSPAN® Span/Support Spacings																							
						Single Span (mm)					Continuous Span (mm)				Lapped Span (mm)														
			Outward	Inward		3000	3500	4000	4500	5000	5500	6000	6500	3000	3500	4000	4500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500		
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	2380	1890	1470	1110	830	690	620	550	2240	1920	1670	1340	2200	1880	1650	1470	1320	1200	1100	980	830	680		
			1.44		Edge	1350	1070	830	630	470	390	350	310	1570	1430	1300	1200	1550	1400	1280	1180	1110	1030	950	850	720	590		
		N3	1.28	1.5	General	1520	1210	940	710	530					1430	1230	1070	860	1410	1200	1050	940	840	760	700	620	530	430	
			2.25		Edge	860	680	530	400	300					1000	910	830	770	990	890	820	750	710	660	610	540	460	380	
		N4	1.90	2.23	General	1020	810	630							960	820	720	570	940	810	710	630	560	510	470	420	350		
			3.35		Edge	580	460	350							670	610	560	510	660	600	550	510	470	440	410	360	310		
		N5	2.79	3.29	General	690	550								650	560	490	390	640	550	480	420	380	350					
			4.93		Edge	390	310								460	410	380	350	450	400	370	340	320	300					
		CUSTOM BLUE ORB® 0.60 3/sheet	Internal	N2	0.82	0.96	General	2380	1890	1470	1110	830	690	620	550	2240	1920	1670	1340	2200	1880	1650	1470	1320	1200	1100	980	830	680
					1.44		Edge	1350	1070	830	630	470	390	350	310	1570	1430	1300	1200	1550	1400	1280	1180	1110	1030	950	850	720	590
N3	1.28			1.5	General	1520	1210	940	710	530					1430	1230	1070	860	1410	1200	1050	940	840	760	700	620	530	430	
	2.25				Edge	860	680	530	400	300					1000	910	830	770	990	890	820	750	710	660	610	540	460	380	
N4	1.90			2.23	General	1020	810	630							960	820	720	570	940	810	710	630	560	510	470	420	350		
	3.35				Edge	580	460	350							670	610	560	510	660	600	550	510	470	440	410	360	310		
N5	2.79			3.29	General	690	550								650	560	490	390	640	550	480	420	380	350					
	4.93				Edge	390	310								460	410	380	350	450	400	370	340	320	300					
TRIMDEK® 0.42 4/sheet	End			N2	0.82	0.96	General	2380	1890	1470	1110	830	690	620	550	2240	1920	1670	1340	2200	1880	1650	1470	1320	1200	1100	980	830	680
					1.44		Edge	1350	1070	830	630	470	390	350	310	1570	1430	1300	1200	1550	1400	1280	1180	1110	1030	950	850	720	590
		N3	1.28	1.5	General	1520	1210	940	710	530					1430	1230	1070	860	1410	1200	1050	940	840	760	700	620	530	430	
			2.25		Edge	860	680	530	400	300					1000	910	830	770	990	890	820	750	710	660	610	540	460	380	
		N4	1.90	2.23	General	1020	810	630							960	820	720	570	940	810	710	630	560	510	470	420	350		
			3.35		Edge	580	460	350							670	610	560	510	660	600	550	510	470	440	410	360	310		
		N5	2.79	3.29	General	690	550								650	560	490	390	640	550	480	420	380	350					
			4.93		Edge	390	310								460	410	380	350	450	400	370	340	320	300					
		SPANDEK® 0.42 3/sheet	Internal	N2	0.82	0.96	General	2380	1890	1470	1110	830	690	620	550	2240	1920	1670	1340	2200	1880	1650	1470	1320	1200	1100	980	830	680
					1.44		Edge	1350	1070	830	630	470	390	350	310	1570	1430	1300	1200	1550	1400	1280	1180	1110	1030	950	850	720	590
N3	1.28			1.5	General	1520	1210	940	710	530					1430	1230	1070	860	1410	1200	1050	940	840	760	700	620	530	430	
	2.25				Edge	860	680	530	400	300					1000	910	830	770	990	890	820	750	710	660	610	540	460	380	
N4	1.90			2.23	General	1020	810	630							960	820	720	570	940	810	710	630	560	510	470	420	350		
	3.35				Edge	580	460	350							670	610	560	510	660	600	550	510	470	440	410	360	310		
N5	2.79			3.29	General	690	550								650	560	490	390	640	550	480	420	380	350					
	4.93				Edge	390	310								460	410	380	350	450	400	370	340	320	300					

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 96 is fastened to 1.2mm thick steel support with 4 x #14-10x25 hex head screws at internal supports and 2 x #14-10x25 screws at end supports.

NON-CYCLONIC REGION - WALL

TS12070 Support Thickness = 1.0mm

Wall Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																					
						TOPSPAN® Span/Support Spacings																					
			Outward Inward			Single Span (mm)				Continuous Span (mm)				Lapped Span (mm)													
						3000	3500	4000	4500	5000	5500	6000	3000	3500	4000	4500	5000	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	1660	1430	1250	1110	950	1640	1400	1220	1090	980	890	820	750	680	560
			1.44	Edge	950	790	650	530	430	360	330	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1060	910	800	710	610	1050	900	780	690	620	570	520	480	430	360			
			2.25	Edge	610	510	410	340	750	680	620	570	530	730	670	600	560	520	490	450	420	380	330				
		N4	1.90	2.23	General	720	600	710	610	530	470	410	700	600	520	460	420	380	350								
			3.35	Edge	410	340	500	450	410	380	360	490	450	400	370	350	330	300									
	N5	2.79	3.29	General			480	410	470	410																	
		4.93	Edge			340	310	330	300																		
	Internal	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	1660	1430	1250	1110	950	1640	1400	1220	1090	980	890	820	750	680	560
			1.44	Edge	950	790	650	530	430	360	330	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1060	910	800	710	610	1050	900	780	690	620	570	520	480	430	360			
			2.25	Edge	610	510	410	340	750	680	620	570	530	730	670	600	560	520	490	450	420	380	330				
N4		1.90	2.23	General	720	600	710	610	530	470	410	700	600	520	460	420	380	350									
		3.35	Edge	410	340	500	450	410	380	360	490	450	400	370	350	330	300										
N5	2.79	3.29	General			480	410	470	410																		
	4.93	Edge			340	310	330	300																			
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	1660	1430	1250	1110	950	1640	1400	1220	1090	980	890	820	750	680	560
			1.44	Edge	950	790	650	530	430	360	330	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1060	910	800	710	610	1050	900	780	690	620	570	520	480	430	360			
			2.25	Edge	610	510	410	340	750	680	620	570	530	730	670	600	560	520	490	450	420	380	330				
		N4	1.90	2.23	General	720	600	710	610	530	470	410	700	600	520	460	420	380	350								
			3.35	Edge	410	340	500	450	410	380	360	490	450	400	370	350	330	300									
	N5	2.79	3.29	General			480	410	470	410																	
		4.93	Edge			340	310	330	300																		
	Internal	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	1660	1430	1250	1110	950	1640	1400	1220	1090	980	890	820	750	680	560
			1.44	Edge	950	790	650	530	430	360	330	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1060	910	800	710	610	1050	900	780	690	620	570	520	480	430	360			
			2.25	Edge	610	510	410	340	750	680	620	570	530	730	670	600	560	520	490	450	420	380	330				
N4		1.90	2.23	General	720	600	710	610	530	470	410	700	600	520	460	420	380	350									
		3.35	Edge	410	340	500	450	410	380	360	490	450	400	370	350	330	300										
N5	2.79	3.29	General			480	410	470	410																		
	4.93	Edge			340	310	330	300																			
TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	1660	1430	1250	1110	950	1640	1400	1220	1090	980	890	820	750	680	560
			1.44	Edge	950	790	650	530	430	360	330	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1060	910	800	710	610	1050	900	780	690	620	570	520	480	430	360			
			2.25	Edge	610	510	410	340	750	680	620	570	530	730	670	600	560	520	490	450	420	380	330				
		N4	1.90	2.23	General	720	600	710	610	530	470	410	700	600	520	460	420	380	350								
			3.35	Edge	410	340	500	450	410	380	360	490	450	400	370	350	330	300									
	N5	2.79	3.29	General			480	410	470	410																	
		4.93	Edge			340	310	330	300																		
	Internal	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	1660	1430	1250	1110	950	1640	1400	1220	1090	980	890	820	750	680	560
			1.44	Edge	950	790	650	530	430	360	330	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1060	910	800	710	610	1050	900	780	690	620	570	520	480	430	360			
			2.25	Edge	610	510	410	340	750	680	620	570	530	730	670	600	560	520	490	450	420	380	330				
N4		1.90	2.23	General	720	600	710	610	530	470	410	700	600	520	460	420	380	350									
		3.35	Edge	410	340	500	450	410	380	360	490	450	400	370	350	330	300										
N5	2.79	3.29	General			480	410	470	410																		
	4.93	Edge			340	310	330	300																			
SPANDEK® 0.42 3/sheet	End	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	1660	1430	1250	1110	950	1640	1400	1220	1090	980	890	820	750	680	560
			1.44	Edge	950	790	650	530	430	360	330	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1060	910	800	710	610	1050	900	780	690	620	570	520	480	430	360			
			2.25	Edge	610	510	410	340	750	680	620	570	530	730	670	600	560	520	490	450	420	380	330				
		N4	1.90	2.23	General	720	600	710	610	530	470	410	700	600	520	460	420	380	350								
			3.35	Edge	410	340	500	450	410	380	360	490	450	400	370	350	330	300									
	N5	2.79	3.29	General			480	410	470	410																	
		4.93	Edge			340	310	330	300																		
	Internal	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	1660	1430	1250	1110	950	1640	1400	1220	1090	980	890	820	750	680	560
			1.44	Edge	950	790	650	530	430	360	330	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1060	910	800	710	610	1050	900	780	690	620	570	520	480	430	360			
			2.25	Edge	610	510	410	340	750	680	620	570	530	730	670	600	560	520	490	450	420	380	330				
N4		1.90	2.23	General	720	600	710	610	530	470	410	700	600	520	460	420	380	350									
		3.35	Edge	410	340	500	450	410	380	360	490	450	400	370	350	330	300										
N5	2.79	3.29	General			480	410	470	410																		
	4.93	Edge			340	310	330	300																			

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 120 is fastened to 1.0mm thick steel support with 4 x M6.5-12x30 hex head screws at internal supports and 2 x M6.5-12x30 screws at end supports.

NON-CYCLONIC REGION - WALL

TS12070 Support Thickness = 1.2mm

Wall Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																						
						TOPSPAN® Span/Support Spacings																						
			Outward	Inward		Single Span (mm)				Continuous Span (mm)				Lapped Span (mm)														
						3000	3500	4000	4500	5000	5500	6000	3000	3500	4000	4500	5000	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	2240	1790	1410	1150	950	2200	1880	1650	1470	1160	950	870	770	680	560	
			1.44		Edge	950	790	650	530	430	360	330	1570	1430	1300	1150	950	1550	1400	1280	1180	970	820	750	660	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1430	1140	900	740	610	1410	1200	1050	940	740	610	550	490	430	360				
			2.25		Edge	610	510	410	340	1000	910	830	740	610	990	890	820	750	620	520	480	420	380	330				
		N4	1.90	2.23	General	720	600			960	770	600	490	410	940	810	710	630	500	410	370							
			3.35		Edge	410	340			670	610	560	490	410	660	600	550	510	420	350	320							
	N5	2.79	3.29	General					650	520	410	330		640	550	480	420											
		4.93		Edge					460	410	380	330		450	400	370	340											
	Internal	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	2240	1790	1410	1150	950	2200	1880	1650	1470	1160	950	870	770	680	560	
			1.44		Edge	950	790	650	530	430	360	330	1570	1430	1300	1150	950	1550	1400	1280	1180	970	820	750	660	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1430	1140	900	740	610	1410	1200	1050	940	740	610	550	490	430	360				
			2.25		Edge	610	510	410	340	1000	910	830	740	610	990	890	820	750	620	520	480	420	380	330				
N4		1.90	2.23	General	720	600			960	770	600	490	410	940	810	710	630	500	410	370								
		3.35		Edge	410	340			670	610	560	490	410	660	600	550	510	420	350	320								
N5	2.79	3.29	General					650	520	410	330		640	550	480	420												
	4.93		Edge					460	410	380	330		450	400	370	340												
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	2240	1790	1410	1150	950	2200	1880	1650	1470	1160	950	870	770	680	560	
			1.44		Edge	950	790	650	530	430	360	330	1570	1430	1300	1150	950	1550	1400	1280	1180	970	820	750	660	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1430	1140	900	740	610	1410	1200	1050	940	740	610	550	490	430	360				
			2.25		Edge	610	510	410	340	1000	910	830	740	610	990	890	820	750	620	520	480	420	380	330				
		N4	1.90	2.23	General	720	600			960	770	600	490	410	940	810	710	630	500	410	370							
			3.35		Edge	410	340			670	610	560	490	410	660	600	550	510	420	350	320							
	N5	2.79	3.29	General					650	520	410	330		640	550	480	420											
		4.93		Edge					460	410	380	330		450	400	370	340											
	Internal	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	2240	1790	1410	1150	950	2200	1880	1650	1470	1160	950	870	770	680	560	
			1.44		Edge	950	790	650	530	430	360	330	1570	1430	1300	1150	950	1550	1400	1280	1180	970	820	750	660	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1430	1140	900	740	610	1410	1200	1050	940	740	610	550	490	430	360				
			2.25		Edge	610	510	410	340	1000	910	830	740	610	990	890	820	750	620	520	480	420	380	330				
N4		1.90	2.23	General	720	600			960	770	600	490	410	940	810	710	630	500	410	370								
		3.35		Edge	410	340			670	610	560	490	410	660	600	550	510	420	350	320								
N5	2.79	3.29	General					650	520	410	330		640	550	480	420												
	4.93		Edge					460	410	380	330		450	400	370	340												
TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	2240	1790	1410	1150	950	2200	1880	1650	1470	1160	950	870	770	680	560	
			1.44		Edge	950	790	650	530	430	360	330	1570	1430	1300	1150	950	1550	1400	1280	1180	970	820	750	660	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1430	1140	900	740	610	1410	1200	1050	940	740	610	550	490	430	360				
			2.25		Edge	610	510	410	340	1000	910	830	740	610	990	890	820	750	620	520	480	420	380	330				
		N4	1.90	2.23	General	720	600			960	770	600	490	410	940	810	710	630	500	410	370							
			3.35		Edge	410	340			670	610	560	490	410	660	600	550	510	420	350	320							
	N5	2.79	3.29	General					650	520	410	330		640	550	480	420											
		4.93		Edge					460	410	380	330		450	400	370	340											
	Internal	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	2240	1790	1410	1150	950	2200	1880	1650	1470	1160	950	870	770	680	560	
			1.44		Edge	950	790	650	530	430	360	330	1570	1430	1300	1150	950	1550	1400	1280	1180	970	820	750	660	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1430	1140	900	740	610	1410	1200	1050	940	740	610	550	490	430	360				
			2.25		Edge	610	510	410	340	1000	910	830	740	610	990	890	820	750	620	520	480	420	380	330				
N4		1.90	2.23	General	720	600			960	770	600	490	410	940	810	710	630	500	410	370								
		3.35		Edge	410	340			670	610	560	490	410	660	600	550	510	420	350	320								
N5	2.79	3.29	General					650	520	410	330		640	550	480	420												
	4.93		Edge					460	410	380	330		450	400	370	340												
SPANDEK® 0.42 3/sheet	End	N2	0.82	0.96	General	1690	1400	1150	940	750	640	580	2240	1790	1410	1150	950	2200	1880	1650	1470	1160	950	870	770	680	560	
			1.44		Edge	950	790	650	530	430	360	330	1570	1430	1300	1150	950	1550	1400	1280	1180	970	820	750	660	590	520	
		N3	1.28	1.5	General	1080	900	730	600	1430	1140	900	740	610	1410	1200	1050	940	740	610	550	490	430	360				
			2.25		Edge	610	510	410	340	1000	910	830	740	610	990	890	820	750	620	520	480	420	380	330				
		N4	1.90	2.23	General	720	600			960	770	600	490	410	940	810	710	630	500	410	370							
			3.35		Edge	410</																						

NON-CYCLONIC REGION - WALL

TS12090 Support Thickness = 1.0mm

Wall Profile ORB® (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																									
						TOPSPAN® Span/Support Spacings																									
			Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)																		
			Outward	Inward		3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500						
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	2500	2500	2040	1540	1150	960	870	780	680	600	1660	1430	1250	1110	1000	1640	1400	1220	1090	980	890	820	750	690	640	
			1.44	Edge	1880	1490	1150	870	650	540	490	440	380	340	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	600	560		
		N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1060	910	800	710	640	1050	900	780	690	620	570	520	480	440	410				
			2.25	Edge	1200	950	740	560	410	350	310	750	680	620	570	530	730	670	600	560	520	490	450	420	380	360					
		N4	1.90	2.23	General	1420	1130	880	660	710	610	530	470	430	700	600	520	460	420	380	350										
			3.35	Edge	800	640	490	370	500	450	410	380	360	490	450	400	370	350	330	300											
	N5	2.79	3.29	General	970	760	590	480	410	470	410																				
		4.93	Edge	540	430	330	340	310	330	300																					
	Internal	N2	0.82	0.96	General	2500	2500	2040	1540	1150	960	870	780	680	600	1660	1430	1250	1110	1000	1640	1400	1220	1090	980	890	820	750	690	640	
					Edge	1880	1490	1150	870	650	540	490	440	380	340	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	600	560	
			N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1060	910	800	710	640	1050	900	780	690	620	570	520	480	440	410			
				2.25	Edge	1200	950	740	560	410	350	310	750	680	620	570	530	730	670	600	560	520	490	450	420	380	360				
N4			1.90	2.23	General	1420	1130	880	660	710	610	530	470	430	700	600	520	460	420	380	350										
			3.35	Edge	800	640	490	370	500	450	410	380	360	490	450	400	370	350	330	300											
N5		2.79	3.29	General	970	760	590	480	410	470	410																				
		4.93	Edge	540	430	330	340	310	330	300																					
CUSTOM BLUE ORB® 0.60 3/sheet		End	N2	0.82	0.96	General	2700	2630	2040	1540	1150	960	870	780	680	600	1660	1430	1250	1110	1000	1640	1400	1220	1090	980	890	820	750	690	640
				1.44	Edge	1880	1490	1150	870	650	540	490	440	380	340	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	600	560	
			N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1060	910	800	710	640	1050	900	780	690	620	570	520	480	440	410			
				2.25	Edge	1200	950	740	560	410	350	310	750	680	620	570	530	730	670	600	560	520	490	450	420	380	360				
	N4		1.90	2.23	General	1420	1130	880	660	710	610	530	470	430	700	600	520	460	420	380	350										
			3.35	Edge	800	640	490	370	500	450	410	380	360	490	450	400	370	350	330	300											
	N5	2.79	3.29	General	970	760	590	480	410	470	410																				
		4.93	Edge	540	430	330	340	310	330	300																					
	Internal	N2	0.82	0.96	General	2700	2630	2040	1540	1150	960	870	780	680	600	1660	1430	1250	1110	1000	1640	1400	1220	1090	980	890	820	750	690	640	
					Edge	1880	1490	1150	870	650	540	490	440	380	340	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	600	560	
			N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1060	910	800	710	640	1050	900	780	690	620	570	520	480	440	410			
				2.25	Edge	1200	950	740	560	410	350	310	750	680	620	570	530	730	670	600	560	520	490	450	420	380	360				
N4			1.90	2.23	General	1420	1130	880	660	710	610	530	470	430	700	600	520	460	420	380	350										
			3.35	Edge	800	640	490	370	500	450	410	380	360	490	450	400	370	350	330	300											
N5		2.79	3.29	General	970	760	590	480	410	470	410																				
		4.93	Edge	540	430	330	340	310	330	300																					
TRIMDEK® 0.42 4/sheet		End	N2	0.82	0.96	General	3000	2630	2040	1540	1150	960	870	780	680	600	1660	1430	1250	1110	1000	1640	1400	1220	1090	980	890	820	750	690	640
				1.44	Edge	1880	1490	1150	870	650	540	490	440	380	340	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	600	560	
			N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1060	910	800	710	640	1050	900	780	690	620	570	520	480	440	410			
				2.25	Edge	1200	950	740	560	410	350	310	750	680	620	570	530	730	670	600	560	520	490	450	420	380	360				
	N4		1.90	2.23	General	1420	1130	880	660	710	610	530	470	430	700	600	520	460	420	380	350										
			3.35	Edge	800	640	490	370	500	450	410	380	360	490	450	400	370	350	330	300											
	N5	2.79	3.29	General	970	760	590	480	410	470	410																				
		4.93	Edge	540	430	330	340	310	330	300																					
	Internal	N2	0.82	0.96	General	3000	2630	2040	1540	1150	960	870	780	680	600	1660	1430	1250	1110	1000	1640	1400	1220	1090	980	890	820	750	690	640	
					Edge	1880	1490	1150	870	650	540	490	440	380	340	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	600	560	
			N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1060	910	800	710	640	1050	900	780	690	620	570	520	480	440	410			
				2.25	Edge	1200	950	740	560	410	350	310	750	680	620	570	530	730	670	600	560	520	490	450	420	380	360				
N4			1.90	2.23	General	1420	1130	880	660	710	610	530	470	430	700	600	520	460	420	380	350										
			3.35	Edge	800	640	490	370	500	450	410	380	360	490	450	400	370	350	330	300											
N5		2.79	3.29	General	970	760	590	480	410	470	410																				
		4.93	Edge	540	430	330	340	310	330	300																					
SPANDEK® 0.42 3/sheet		End	N2	0.82	0.96	General	3000	2630	2040	1540	1150	960	870	780	680	600	1660	1430	1250	1110	1000	1640	1400	1220	1090	980	890	820	750	690	640
				1.44	Edge	1880	1490	1150	870	650	540	490	440	380	340	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	600	560	
			N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1060	910	800	710	640	1050	900	780	690	620	570	520	480	440	410			
				2.25	Edge	1200	950	740	560	410	350	310	750	680	620	570	530	730	670	600	560	520	490	450	420	380	360				
	N4		1.90	2.23	General	1420	1130	880	660	710	610	530	470	430	700	600	520	460	420	380	350										
			3.35	Edge	800	640	490	370	500	450	410	380	360	490	450	400	370	350	330	300											
	N5	2.79	3.29	General	970	760	590	480	410	470	410																				
		4.93	Edge	540	430	330	340	310	330	300																					
	Internal	N2	0.82	0.96	General	3300	2630	2040	1540	1150	960	870	780	680	600	1660	1430	1250	1110	1000	1640	1400	1220	1090	980	890	820	750	690	640	
					Edge	1880	1490	1150	870	650	540	490	440	380	340	1170	1060	970	890	840	1150	1040	950	870	820	760	710	650	600	560	
			N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1060	910	800	710	640	1050	900	780	690	620	570	520	480	440	410			
				2.25	Edge	1200	950	740	560	410	350	310	750	680	620	570	530	730	670	600	560	520	490	450	420	380	360				
N4			1.90	2.23	General	1420	1130	880	660	710	610	530	470	430	700	600	520	460	420	380	350										
			3.35	Edge	800	640	490	370	500	450	410	380	360	490	450	400	370	350	330	300											
N5		2.79	3.29	General	970	760	590	480	410	470																					

NON-CYCLONIC REGION - WALL

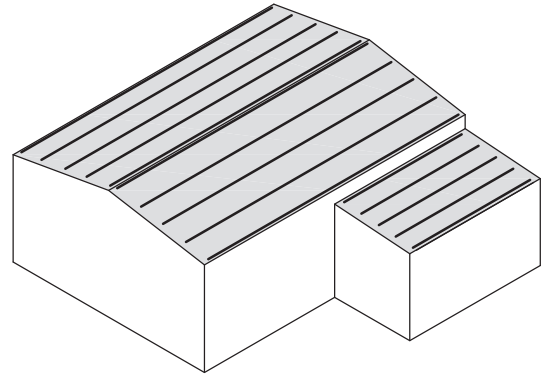
TS12090 Support Thickness = 1.2mm

Wall Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																								
			Outward	Inward		TOPSPAN® Span/Support Spacings																								
						Single Span (mm)							Continuous Span (mm)							Lapped Span (mm)										
						3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	3000	3500	4000	4500	5000
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	2500	2500	2040	1540	1150	960	870	780	680	600	2240	1920	1670	1490	1340	2200	1880	1650	1470	1320	1200	1100	1010	940	850
			1.44	Edge	1880	1490	1150	870	650	540	490	440	380	340	1570	1430	1300	1200	1130	1550	1400	1280	1180	1110	1030	950	880	810	760	
		N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1430	1230	1070	950	860	1410	1200	1050	940	840	760	700	650	600	540			
			2.25	Edge	1200	950	740	560	410	350	310	1000	910	830	770	720	990	890	820	750	710	660	610	560	520	480				
		N4	1.90	2.23	General	1420	1130	880	660	960	820	720	640	570	940	810	710	630	560	510	470	430	400	360						
			3.35	Edge	800	640	490	370	670	610	560	510	480	660	600	550	510	470	440	410	370	350	320							
	N5	2.79	3.29	General	970	760	590	650	560	490	430	390	640	550	480	420	380	350												
		4.93	Edge	540	430	330	460	410	380	350	330	450	400	370	340	320	300													
	Internal	N2	0.82	0.96	General	2700	2630	2040	1540	1150	960	870	780	680	600	2240	1920	1670	1490	1340	2200	1880	1650	1470	1320	1200	1100	1010	940	850
			1.44	Edge	1880	1490	1150	870	650	540	490	440	380	340	1570	1430	1300	1200	1130	1550	1400	1280	1180	1110	1030	950	880	810	760	
		N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1430	1230	1070	950	860	1410	1200	1050	940	840	760	700	650	600	540			
			2.25	Edge	1200	950	740	560	410	350	310	1000	910	830	770	720	990	890	820	750	710	660	610	560	520	480				
N4		1.90	2.23	General	1420	1130	880	660	960	820	720	640	570	940	810	710	630	560	510	470	430	400	360							
		3.35	Edge	800	640	490	370	670	610	560	510	480	660	600	550	510	470	440	410	370	350	320								
N5	2.79	3.29	General	970	760	590	650	560	490	430	390	640	550	480	420	380	350													
	4.93	Edge	540	430	330	460	410	380	350	330	450	400	370	340	320	300														
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	0.82	0.96	General	2700	2630	2040	1540	1150	960	870	780	680	600	2240	1920	1670	1490	1340	2200	1880	1650	1470	1320	1200	1100	1010	940	850
			1.44	Edge	1880	1490	1150	870	650	540	490	440	380	340	1570	1430	1300	1200	1130	1550	1400	1280	1180	1110	1030	950	880	810	760	
		N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	500	430	380	1430	1230	1070	950	860	1410	1200	1050	940	840	760	700	650	600	540
			2.25	Edge	1200	950	740	560	410	350	310	1000	910	830	770	720	990	890	820	750	710	660	610	560	520	480				
		N4	1.90	2.23	General	1420	1130	880	660	960	820	720	640	570	940	810	710	630	560	510	470	430	400	360						
			3.35	Edge	800	640	490	370	670	610	560	510	480	660	600	550	510	470	440	410	370	350	320							
	N5	2.79	3.29	General	970	760	590	650	560	490	430	390	640	550	480	420	380	350												
		4.93	Edge	540	430	330	460	410	380	350	330	450	400	370	340	320	300													
	Internal	N2	0.82	0.96	General	2700	2630	2040	1540	1150	960	870	780	680	600	2240	1920	1670	1490	1340	2200	1880	1650	1470	1320	1200	1100	1010	940	850
			1.44	Edge	1880	1490	1150	870	650	540	490	440	380	340	1570	1430	1300	1200	1130	1550	1400	1280	1180	1110	1030	950	880	810	760	
		N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1430	1230	1070	950	860	1410	1200	1050	940	840	760	700	650	600	540			
			2.25	Edge	1200	950	740	560	410	350	310	1000	910	830	770	720	990	890	820	750	710	660	610	560	520	480				
N4		1.90	2.23	General	1420	1130	880	660	960	820	720	640	570	940	810	710	630	560	510	470	430	400	360							
		3.35	Edge	800	640	490	370	670	610	560	510	480	660	600	550	510	470	440	410	370	350	320								
N5	2.79	3.29	General	970	760	590	650	560	490	430	390	640	550	480	420	380	350													
	4.93	Edge	540	430	330	460	410	380	350	330	450	400	370	340	320	300														
TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	3000	2630	2040	1540	1150	960	870	780	680	600	2240	1920	1670	1490	1340	2200	1880	1650	1470	1320	1200	1100	1010	940	850
			1.44	Edge	1880	1490	1150	870	650	540	490	440	380	340	1570	1430	1300	1200	1130	1550	1400	1280	1180	1110	1030	950	880	810	760	
		N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1430	1230	1070	950	860	1410	1200	1050	940	840	760	700	650	600	540			
			2.25	Edge	1200	950	740	560	410	350	310	1000	910	830	770	720	990	890	820	750	710	660	610	560	520	480				
		N4	1.90	2.23	General	1420	1130	880	660	960	820	720	640	570	940	810	710	630	560	510	470	430	400	360						
			3.35	Edge	800	640	490	370	670	610	560	510	480	660	600	550	510	470	440	410	370	350	320							
	N5	2.79	3.29	General	970	760	590	650	560	490	430	390	640	550	480	420	380	350												
		4.93	Edge	540	430	330	460	410	380	350	330	450	400	370	340	320	300													
	Internal	N2	0.82	0.96	General	3000	2630	2040	1540	1150	960	870	780	680	600	2240	1920	1670	1490	1340	2200	1880	1650	1470	1320	1200	1100	1010	940	850
			1.44	Edge	1880	1490	1150	870	650	540	490	440	380	340	1570	1430	1300	1200	1130	1550	1400	1280	1180	1110	1030	950	880	810	760	
		N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1430	1230	1070	950	860	1410	1200	1050	940	840	760	700	650	600	540			
			2.25	Edge	1200	950	740	560	410	350	310	1000	910	830	770	720	990	890	820	750	710	660	610	560	520	480				
N4		1.90	2.23	General	1420	1130	880	660	960	820	720	640	570	940	810	710	630	560	510	470	430	400	360							
		3.35	Edge	800	640	490	370	670	610	560	510	480	660	600	550	510	470	440	410	370	350	320								
N5	2.79	3.29	General	970	760	590	650	560	490	430	390	640	550	480	420	380	350													
	4.93	Edge	540	430	330	460	410	380	350	330	450	400	370	340	320	300														
SPANDEK® 0.42 3/sheet	End	N2	0.82	0.96	General	3000	2630	2040	1540	1150	960	870	780	680	600	2240	1920	1670	1490	1340	2200	1880	1650	1470	1320	1200	1100	1010	940	850
			1.44	Edge	1880	1490	1150	870	650	540	490	440	380	340	1570	1430	1300	1200	1130	1550	1400	1280	1180	1110	1030	950	880	810	760	
		N3	1.28	1.5	General	2120	1680	1300	980	730	610	550	1430	1230	1070	950	860	1410	1200	1050	940	840	760	700	650	600	540			
			2.25	Edge	1200	950	740	560	410	350	310	1000	910	830	770	720	990	890	820	750	710	660	610	560	520	480				
		N4	1.90	2.23	General	1420	1130	880	660	960	820	720	640	570	940	810	710	630	560	510	470	430	400	360						
			3.35	Edge	800	640	490	370	670	610	560	510	480	660	600	550	510	470	440	410	370	350	320							
	N5	2.79	3.29	General	970	760	590	650	560	490	430	390	640	550	480	420	380	350												
		4.93	Edge	540	430	330	460	410	380	350	330	450	400	370	340	320	300													
	Internal	N2	0.82	0.96	General	3300	2630	2040	1540	1150	960	870	780	680	600	2240	1920	1670	1490	1340	2200	1880	1650							

5.0 Cyclonic Region - Index

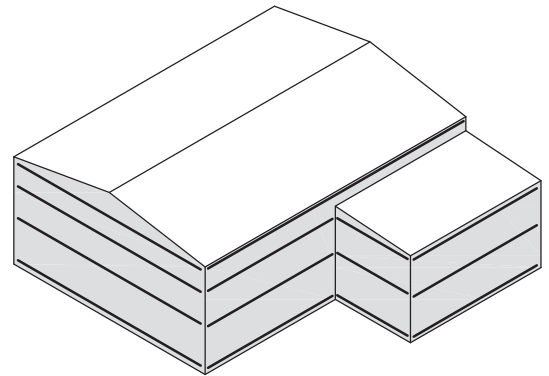
CYCLONIC ROOF

TOPSPAN®	Thickness (mm BMT)	Support Thickness (mm BMT)	Page
TS2242	0.42	0.75	46
TS4075	0.75	1.00, 1.20	47
TS6175	0.75	1.00	48
TS6175	0.75	1.20	49
TS6110	1.0	1.00	50
TS6110	1.0	1.20	51
TS6112	1.2	1.00	52
TS6112	1.2	1.20	53



CYCLONIC WALL

TOPSPAN®	Thickness (mm BMT)	Support Thickness (mm BMT)	Page
TS6175	0.75	1.00	54
TS6175	0.75	1.20	55
TS6110	1.0	1.00	56
TS6110	1.0	1.20	57
TS6112	1.2	1.00	58
TS6112	1.2	1.20	59



For other selection tables, such as TOPSPAN® 40 in walling applications, refer to the TOPSPAN® Quick Selection Guide Addendum, or seek advice from our information line.

TOPSPAN® 22 CEILING BATTEN (CYCLONIC)

Support thickness 0.75mm BMT.

NOTE: For internal ceiling application only.

TOPSPAN® 2242 for supporting 10mm, 13mm plasterboard.

Maximum span of TS2242 = 900mm

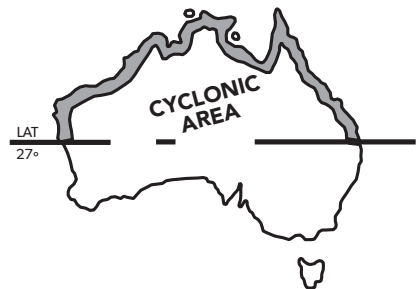
Maximum spacing of TS2242 = 600mm

The above span and spacing are suitable for ceiling applications in wind classifications C1-C3.

Fasten plasterboard to TOPSPAN® 22 with #6-18x25 bugle head needle point screws.

Fasten TOPSPAN® 22 to supports with 2 x #10-16x16 head head screws.

Do not walk on or induce concentrated load on TOPSPAN® 22.



5.1 ROOF

CYCLONIC REGION - ROOF

TS4075 Support Thickness = 1.0mm, 1.2mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)										
					TOPSPAN® Span/Support Spacings										
					Continuous Span (mm)										
					1.0mm BMT G550 Support					1.2mm BMT G500 Support					
600	900	1200	1500	1800	600	900	1200	1500	1800						
CUSTOM ORB® 0.42 5/sheet	End	C1	2.4	General	900	900	900	760	520	900	900	900	760	520	
			3.75	Edge	900	900	640	560	390	900	900	640	560	390	
		C2	3.57	General	900	900	670	510		900	900	670	510		
			5.58	Edge	720	650	430	370		720	720	430	370		
		C3	5.26	General											
			8.21	Edge											
	Internal	C1	2.4	General	1200	1200	1000	760	520	1200	1200	1000	760	520	
			3.75	Edge	1190	980	640	560	390	1190	1190	640	560	390	
		C2	3.57	General	1200	1030	670	510		1200	1200	670	510		
			5.58	Edge	890	650	430	370		890	840	430	370		
		C3	5.26	General											
			8.21	Edge											
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.4	General	1600	1530	1000	760	520	1600	1600	1000	760	520	
			3.75	Edge	1460	980	640	570	390	1480	1250	640	570	390	
		C2	3.57	General	1540	1030	670	510		1560	1320	670	510		
			5.58	Edge	980	650	430	380		1000	840	430	380		
		C3	5.26	General	1040	700				1060	890				
			8.21	Edge	670	440				680	570				
	Internal	C1	2.4	General	1800	1530	1000	760	520	1800	1800	1000	760	520	
			3.75	Edge	1460	980	640	570	390	1480	1250	640	570	390	
		C2	3.57	General	1540	1030	670	510		1560	1320	670	510		
			5.58	Edge	980	650	430	380		1000	840	430	380		
		C3	5.26	General	1040	700				1060	890				
			8.21	Edge	670	440				680	570				
TRIMDEK® 0.42 4/sheet	End	C1	2.4	General	1300	1300	1000	760	520	1300	1300	1000	760	520	
			3.75	Edge	1020	980	640	580	400	1020	1020	640	580	400	
		C2	3.57	General	1060	1030	670	510		1060	1060	670	510		
			5.58	Edge	660	650	430	390		660	660	430	390		
	Internal	C1	2.4	General	1240	1240	1000	760	520	1240	1240	1000	760	520	
			3.75	Edge	860	860	640	580	400	860	860	640	580	400	
		C2	3.57	General											
			5.58	Edge											
	SPANDEK® 0.42 3/sheet	End	C1	2.4	General	1120	1120	1000	760	520	1120	1120	1000	760	520
				3.75	Edge	680	680	640	580	400	680	680	640	580	400
			C2	3.57	General										
				5.58	Edge										
Internal		C1	2.4	General	1460	1460	1000	760	520	1460	1460	1000	760	520	
			3.75	Edge	960	960	640	580	400	960	960	640	580	400	
		C2	3.57	General											
			5.58	Edge											

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 40 is fastened to 1.0mm thick steel support with 2 x M6.5-12x30 hex head screws to each support.
3. TOPSPAN® 40 is fastened to 1.2mm thick steel support with 2 x #14-10x25 hex head screws to each support.

CYCLONIC REGION - ROOF

TS6175 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)												
					TOPSPAN® Span/Support Spacings												
					Single Span (mm)			Continuous Span (mm)					Lapped Span (mm)				
					1500	2000	2500	1500	2000	2500	3000	3500	1500	2000	2500	3000	3500
CUSTOM ORB® 0.42 5/sheet	End	C1	2.4	General	900	720	510	900	850	620	480	390	900	830	610	470	390
			3.75	Edge	690	530	390	820	630	470	370	310	800	620	460	360	310
		C2	3.57	General	640	480		760	570	420			740	560	410		
			5.58	Edge	460	360		550	420	320			530	420	310		
		C3	5.26	General													
			8.21	Edge													
	Internal	C1	2.4	General	960	720	510	1130	850	620	480	390	1110	830	610	470	390
			3.75	Edge	690	530	390	820	630	470	370	310	800	620	460	360	310
		C2	3.57	General	640	480		760	570	420			740	560	410		
			5.58	Edge	460	360		550	420	320			530	420	310		
		C3	5.26	General													
			8.21	Edge													
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.4	General	960	720	510	1130	850	620	480	390	1110	830	610	470	390
			3.75	Edge	700	540	390	820	640	480	380	310	810	630	470	370	310
		C2	3.57	General	640	480		760	570	420			740	560	410		
			5.58	Edge	470	360		550	430	320			540	420	310		
		C3	5.26	General	440			510					500				
			8.21	Edge	320			370					370				
	Internal	C1	2.4	General	960	720	510	1130	850	620	480	390	1110	830	610	470	390
			3.75	Edge	700	540	390	820	640	480	380	310	810	630	470	370	310
		C2	3.57	General	640	480		760	570	420			740	560	410		
			5.58	Edge	470	360		550	430	320			540	420	310		
		C3	5.26	General	440			510					500				
			8.21	Edge	320			370					370				
TRIMDEK® 0.42 4/sheet	End	C1	2.4	General	960	720	510	1130	850	620	480	390	1110	830	610	470	390
			3.75	Edge	710	550	400	840	650	490	390	320	820	640	480	370	320
		C2	3.57	General	640	480		760	570	420			740	560	410		
			5.58	Edge	480	370		560	440	330			550	430	320		
	Internal	C1	2.4	General	960	720	510	1130	850	620	480	390	1110	830	610	470	390
			3.75	Edge	710	550	400	840	650	490	390	320	820	640	480	370	320
C2	3.57	General															
	5.58	Edge															
SPANDEK® 0.42 3/sheet	End	C1	2.4	General	960	720	510	1120	850	620	480	390	1110	830	610	470	390
			3.75	Edge	680	550	410	680	650	490	390	320	680	640	480	370	320
		C2	3.57	General													
			5.58	Edge													
	Internal	C1	2.4	General	960	720	510	1130	850	620	480	390	1110	830	610	470	390
			3.75	Edge	720	550	410	840	650	490	390	320	820	640	480	370	320
C2	3.57	General															
	5.58	Edge															

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.0mm thick steel support with 4 x M6.5-12x30 hex head screws at internal supports and 2 x M6.5-12x30 screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 61.

CYCLONIC REGION - ROOF

TS6175 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)													
					TOPSPAN® Span/Support Spacings													
					Single Span (mm)			Continuous Span (mm)					Lapped Span (mm)					
					1500	2000	2500	1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	
CUSTOM ORB® 0.42 5/sheet	End	C1	2.4	General	900	720	510	900	900	620	480	390	900	900	610	470	390	
			3.75	Edge	690	530	390	900	780	470	370	310	900	830	460	360	310	
		C2	3.57	General	640	480		900	700	420			900	750	410			
			5.58	Edge	460	360		720	520	320			720	560	310			
		C3	5.26	General														
			8.21	Edge														
	Internal	C1	2.4	General	960	720	510	1200	1040	620	480	390	1200	1110	610	470	390	
			3.75	Edge	690	530	390	1100	780	470	370	310	1070	830	460	360	310	
		C2	3.57	General	640	480		1020	700	420			1000	750	410			
			5.58	Edge	460	360		740	520	320			720	560	310			
		C3	5.26	General														
			8.21	Edge														
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.4	General	960	720	510	1520	1040	620	480	390	1490	1110	610	470	390	
			3.75	Edge	700	540	390	1110	780	480	380	310	1090	840	470	370	310	
		C2	3.57	General	640	480		1020	700	420			1000	750	410			
			5.58	Edge	470	360		740	530	320			730	560	310			
		C3	5.26	General	440			690	470				680	500				
			8.21	Edge	320			500	360				490	380				
	Internal	C1	2.4	General	960	720	510	1520	1040	620	480	390	1490	1110	610	470	390	
			3.75	Edge	700	540	390	1110	780	480	380	310	1090	840	470	370	310	
		C2	3.57	General	640	480		1020	700	420			1000	750	410			
			5.58	Edge	470	360		740	530	320			730	560	310			
		C3	5.26	General	440			690	470				680	500				
			8.21	Edge	320			500	360				490	380				
TRIMDEK® 0.42 4/sheet	End	C1	2.4	General	960	720	510	1300	1040	620	480	390	1300	1110	610	470	390	
			3.75	Edge	710	550	400	1020	800	490	390	320	1020	850	480	370	320	
		C2	3.57	General	640	480		1020	700	420			1000	750	410			
			5.58	Edge	480	370		660	540	330			660	570	320			
	Internal	C1	2.4	General	960	720	510	1240	1040	620	480	390	1240	1110	610	470	390	
			3.75	Edge	710	550	400	860	800	490	390	320	860	850	480	370	320	
		C2	3.57	General														
			5.58	Edge														
SPANDEK® 0.42 3/sheet	End	C1	2.4	General	960	720	510	1120	1040	620	480	390	1120	1110	610	470	390	
			3.75	Edge	680	550	410	680	680	490	390	320	680	680	480	370	320	
		C2	3.57	General														
			5.58	Edge														
	Internal	C1	2.4	General	960	720	510	1460	1040	620	480	390	1460	1110	610	470	390	
			3.75	Edge	720	550	410	960	800	490	390	320	960	860	480	370	320	
		C2	3.57	General														
			5.58	Edge														

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.2mm thick steel support with 4 x #14-10x25 hex head screws at internal supports and 2 x #14-10x25 screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 61.

CYCLONIC REGION - ROOF

TS6110 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																
					TOPSPAN® Span/Support Spacings																
					Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)						
					1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	4000	
CUSTOM ORB® 0.42 5/sheet	End	C1	2.4	General	900	820	570	460	390	900	850	680	560	470	900	830	660	550	470	390	
			3.75	Edge	900	610	430	350	310	810	630	510	430	370	790	620	500	430	370	310	
		C2	3.57	General	900	550				760	570	450			740	560	440				
			5.58	Edge	650	410				540	420	340			530	410	330				
		C3	5.26	General																	
			8.21	Edge																	
	Internal	C1	2.4	General	1200	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390	
			3.75	Edge	970	610	430	350	310	810	630	510	430	370	790	620	500	430	370	310	
		C2	3.57	General	910	550				760	570	450			740	560	440				
			5.58	Edge	650	410				540	420	340			530	410	330				
		C3	5.26	General																	
			8.21	Edge																	
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.4	General	1350	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390	
			3.75	Edge	980	620	430	360	310	820	630	520	440	370	800	620	500	430	380	310	
		C2	3.57	General	910	550				760	570	450			740	560	440				
			5.58	Edge	650	410				550	420	340			540	420	340				
		C3	5.26	General	620					510					500						
			8.21	Edge	440					370					360						
	Internal	C1	2.4	General	1350	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390	
			3.75	Edge	980	620	430	360	310	820	630	520	440	370	800	620	500	430	380	310	
		C2	3.57	General	910	550				760	570	450			740	560	440				
			5.58	Edge	650	410				550	420	340			540	420	340				
		C3	5.26	General	620					510					500						
			8.21	Edge	440					370					360						
TRIMDEK® 0.42 4/sheet	End	C1	2.4	General	1300	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390	
			3.75	Edge	1000	630	440	360	320	830	650	530	450	380	820	630	510	440	380	320	
		C2	3.57	General	910	550	380			760	570	450	380		740	560	440				
			5.58	Edge	660	420	300			560	430	350	300		550	420	340				
	Internal	C1	2.4	General	1240	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390	
			3.75	Edge	860	630	440	360	320	830	650	530	450	380	820	630	510	440	380	320	
C2	3.57	General																			
	5.58	Edge																			
SPANDEK® 0.42 3/sheet	End	C1	2.4	General	1120	820	570	460	390	1120	850	680	560	470	1110	830	660	550	470	390	
			3.75	Edge	680	630	450	360	320	680	650	530	450	380	680	640	520	440	390	320	
		C2	3.57	General																	
			5.58	Edge																	
	Internal	C1	2.4	General	1350	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390	
			3.75	Edge	960	630	450	360	320	840	650	530	450	380	820	640	520	440	390	320	
C2	3.57	General																			
	5.58	Edge																			

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.0mm thick steel support with 4 x M6.5-12x30 hex head screws at internal supports and 2 x M6.5-12x30 screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 61.

CYCLONIC REGION - ROOF

TS6110 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)															
					TOPSPAN® Span/Support Spacings															
					Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)					
					1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	4000
CUSTOM ORB® 0.42 5/sheet	End	C1	2.4	General	900	820	570	460	390	900	850	680	560	470	900	830	660	550	470	390
			3.75	Edge	900	610	430	350	310	810	630	510	430	370	790	620	500	430	370	310
		C2	3.57	General	900	550				760	570	450			740	560	440			
			5.58	Edge	650	410				540	420	340			530	410	330			
		C3	5.26	General																
			8.21	Edge																
	Internal	C1	2.4	General	1200	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390
			3.75	Edge	970	610	430	350	310	810	630	510	430	370	790	620	500	430	370	310
		C2	3.57	General	900	550				760	570	450			740	560	440			
			5.58	Edge	650	410				540	420	340			530	410	330			
		C3	5.26	General																
			8.21	Edge																
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.4	General	1350	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390
			3.75	Edge	980	620	430	360	310	820	630	520	440	370	800	620	500	430	380	310
		C2	3.57	General	910	550				760	570	450			740	560	440			
			5.58	Edge	650	410				550	420	340			540	420	340			
		C3	5.26	General	620					510					500					
			8.21	Edge	440					370					360					
	Internal	C1	2.4	General	1350	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390
			3.75	Edge	980	620	430	360	310	820	630	520	440	370	800	620	500	430	380	310
		C2	3.57	General	910	550				760	570	450			740	560	440			
			5.58	Edge	650	410				550	420	340			540	420	340			
		C3	5.26	General	620					510					500					
			8.21	Edge	440					370					360					
TRIMDEK® 0.42 4/sheet	End	C1	2.4	General	1300	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390
			3.75	Edge	1000	630	440	360	320	830	650	530	450	380	820	630	510	440	380	320
		C2	3.57	General	910	550	380			760	570	450	380		740	560	440			
			5.58	Edge	660	420	300			560	430	350	300		550	420	340			
	Internal	C1	2.4	General	1240	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390
			3.75	Edge	860	630	440	360	320	830	650	530	450	380	820	630	510	440	380	320
C2	3.57	General																		
	5.58	Edge																		
SPANDEK® 0.42 3/sheet	End	C1	2.4	General	1120	820	570	460	390	1120	850	680	560	470	1110	830	660	550	470	390
			3.75	Edge	680	630	450	360	320	680	650	530	450	380	680	640	520	440	390	320
		C2	3.57	General																
			5.58	Edge																
	Internal	C1	2.4	General	1350	820	570	460	390	1130	850	680	560	470	1110	830	660	550	470	390
			3.75	Edge	960	630	450	360	320	840	650	530	450	380	820	640	520	440	390	320
C2	3.57	General																		
	5.58	Edge																		

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.2mm thick steel support with 4 x #14-10x25 hex head screws at internal supports and 2 x #14-10x25 screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 61.

CYCLONIC REGION - ROOF

TS6112 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)														
					TOPSPAN® Span/Support Spacings														
					Single Span (mm)				Continuous Span (mm)					Lapped Span (mm)					
					2000	2500	3000	3500	2000	2500	3000	3500	4000	2000	2500	3000	3500	4000	4500
CUSTOM ORB® 0.42 5/sheet	End	C1	2.4	General	840	680	540	420	850	680	560	480	420	830	660	550	470	400	
			3.75	Edge	620	510	410	330	620	510	430	380	330	610	500	420	370	310	
		C2	3.57	General	560	460			570	450					560	440			
			5.58	Edge	410	340			420	340					410	330			
		C3	5.26	General															
			8.21	Edge															
	Internal	C1	2.4	General	840	680	540	420	850	680	560	480	420	830	660	550	470	400	
			3.75	Edge	620	510	410	330	620	510	430	380	330	610	500	420	370	310	
		C2	3.57	General	560	460			570	450					560	440			
			5.58	Edge	410	340			420	340					410	330			
		C3	5.26	General															
			8.21	Edge															
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.4	General	840	680	540	420	850	680	560	480	420	830	660	550	470	400	
			3.75	Edge	620	520	420	330	630	510	440	380	340	620	500	430	370	320	
		C2	3.57	General	560	460			570	450					560	440			
			5.58	Edge	420	350			420	340					410	330			
		C3	5.26	General															
			8.21	Edge															
	Internal	C1	2.4	General	840	680	540	420	850	680	560	480	420	830	660	550	470	400	
			3.75	Edge	620	520	420	330	630	510	440	380	340	620	500	430	370	320	
		C2	3.57	General	560	460			570	450					560	440			
			5.58	Edge	420	350			420	340					410	330			
		C3	5.26	General															
			8.21	Edge															
TRIMDEK® 0.42 4/sheet	End	C1	2.4	General	840	680	540	420	850	680	560	480	420	830	660	550	470	400	360
			3.75	Edge	640	530	430	340	640	520	440	390	340	630	510	440	380	320	300
		C2	3.57	General	560	460			570	450	380				560	440			
			5.58	Edge	430	350			430	350	300				420	340			
	Internal	C1	2.4	General	840	680	540	420	850	680	560	480	420	830	660	550	470	400	360
			3.75	Edge	640	530	430	340	640	520	440	390	340	630	510	440	380	320	300
C2	3.57	General																	
	5.58	Edge																	
SPANDEK® 0.42 3/sheet	End	C1	2.4	General	840	680	540	420	850	680	560	480	420	830	660	550	470	400	360
			3.75	Edge	640	530	430	340	650	530	450	390	350	630	520	440	380	330	300
		C2	3.57	General															
			5.58	Edge															
	Internal	C1	2.4	General	840	680	540	420	850	680	560	480	420	830	660	550	470	400	360
			3.75	Edge	640	530	430	340	650	530	450	390	350	630	520	440	380	330	300
C2	3.57	General																	
	5.58	Edge																	

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.0mm thick steel support with 4 x M6.5-12x30 hex head screws at internal supports and 2 x M6.5-12x30 screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 61.

CYCLONIC REGION - ROOF

TS6112 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)														
					TOPSPAN® Span/Support Spacings														
					Single Span (mm)				Continuous Span (mm)					Lapped Span (mm)					
					2000	2500	3000	3500	2000	2500	3000	3500	4000	2000	2500	3000	3500	4000	4500
CUSTOM ORB® 0.42 5/sheet	End	C1	2.4	General	840	680	540	420	900	900	740	570	460	900	900	740	550	400	
			3.75	Edge	620	510	410	330	840	680	570	450	360	820	670	570	430	310	
		C2	3.57	General	560	460			760	610	490	380			750	600	500		
			5.58	Edge	410	340			560	460	380	300			550	450	380		
		C3	5.26	General															
			8.21	Edge															
	Internal	C1	2.4	General	840	680	540	420	1140	910	740	570	460	1120	900	740	550	400	
			3.75	Edge	620	510	410	330	840	680	570	450	360	820	670	570	430	310	
		C2	3.57	General	560	460			760	610	490	380			750	600	500		
			5.58	Edge	410	340			560	460	380	300			550	450	380		
		C3	5.26	General															
			8.21	Edge															
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.4	General	840	680	540	420	1140	910	740	570	460	1120	900	740	550	400	
			3.75	Edge	620	520	420	330	850	690	570	450	370	830	680	570	430	320	
		C2	3.57	General	560	460			760	610	490	380			750	600	500		
			5.58	Edge	420	350			570	460	380	300			560	450	380		
		C3	5.26	General					520	410					510	410			
			8.21	Edge					380	310					380	310			
	Internal	C1	2.4	General	840	680	540	420	1140	910	740	570	460	1120	900	740	550	400	
			3.75	Edge	620	520	420	330	850	690	570	450	370	830	680	570	430	320	
		C2	3.57	General	560	460			760	610	490	380			750	600	500		
			5.58	Edge	420	350			570	460	380	300			560	450	380		
		C3	5.26	General					520	410					510	410			
			8.21	Edge					380	310					380	310			
TRIMDEK® 0.42 4/sheet	End	C1	2.4	General	840	680	540	420	1140	910	740	570	460	1120	900	740	550	400	360
			3.75	Edge	640	530	430	340	870	700	580	460	370	850	690	590	440	320	300
		C2	3.57	General	560	460			760	610	490	380			750	600	500		
			5.58	Edge	430	350			580	470	390	310			570	460	390		
	Internal	C1	2.4	General	840	680	540	420	1140	910	740	570	460	1120	900	740	550	400	360
			3.75	Edge	640	530	430	340	860	700	580	460	370	850	690	590	440	320	300
C2	3.57	General																	
	5.58	Edge																	
SPANDEK® 0.42 3/sheet	End	C1	2.4	General	840	680	540	420	1120	910	740	570	460	1120	900	740	550	400	360
			3.75	Edge	640	530	430	340	680	680	580	460	380	680	680	590	440	330	300
		C2	3.57	General															
			5.58	Edge															
	Internal	C1	2.4	General	840	680	540	420	1140	910	740	570	460	1120	900	740	550	400	360
			3.75	Edge	640	530	430	340	870	710	580	460	380	850	700	590	440	330	300
C2	3.57	General																	
	5.58	Edge																	

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.2mm thick steel support with 4 x #14-10x25 hex head screws at internal supports and 2 x #14-10x25 screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 61.

5.1 WALL

CYCLONIC REGION - WALL

TS6175 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																
					TOPSPAN® Span/Support Spacings																
					Single Span (mm)			Continuous Span (mm)						Lapped Span (mm)							
					1500	2000	2500	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000		
CUSTOM ORB® 0.42 5/sheet	End	C1	2.03	General	1140	850	610	1340	1010	740	570	460	350	1310	990	730	550	460	360		
			3	Edge	770	570	410	880	700	550	450	380	300	860	690	540	440	380	300		
		C2	3.01	General	760	570		900	680	500	380				880	660	490				
			4.47	Edge	510	380		590	470	370	300				570	460	360				
		C3	4.44	General	520			610	460						600	450					
			6.57	Edge	350			400	320						390	310					
	Internal	C1	2.03	General	1140	850	610	1340	1010	740	570	460	350	1310	990	730	550	460	360		
			3	Edge	770	570	410	880	700	550	450	380	300	860	690	540	440	380	300		
		C2	3.01	General	760	570		900	680	500	380				880	660	490				
			4.47	Edge	510	380		590	470	370	300				570	460	360				
		C3	4.44	General	520			610	460						600	450					
			6.57	Edge	350			400	320						390	310					
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.03	General	1140	850	610	1340	1010	740	570	460	350	1310	990	730	550	460	360		
			3	Edge	770	570	410	880	700	550	450	380	300	860	690	540	440	380	300		
		C2	3.01	General	760	570		900	680	500	380				880	660	490				
			4.47	Edge	510	380		590	470	370	300				570	460	360				
		C3	4.44	General	520			610	460						600	450					
			6.57	Edge	350			400	320						390	310					
	Internal	C1	2.03	General	1140	850	610	1340	1010	740	570	460	350	1310	990	730	550	460	360		
			3	Edge	770	570	410	880	700	550	450	380	300	860	690	540	440	380	300		
		C2	3.01	General	760	570		900	680	500	380				880	660	490				
			4.47	Edge	510	380		590	470	370	300				570	460	360				
		C3	4.44	General	520			610	460						600	450					
			6.57	Edge	350			400	320						390	310					
TRIMDEK® 0.42 4/sheet	End	C1	2.03	General	1140	850	610	1340	1010	740	570	460	350	1310	990	730	550	460	360		
			3	Edge	770	570	410	880	700	550	450	380	300	860	690	540	440	380	300		
		C2	3.01	General	760	570		900	680	500	380				880	660	490				
			4.47	Edge	510	380		590	470	370	300				570	460	360				
	Internal	C1	2.03	General	1140	850	610	1340	1010	740	570	460	350	1310	990	730	550	460	360		
			3	Edge	770	570	410	880	700	550	450	380	300	860	690	540	440	380	300		
		C2	3.01	General	760	570		900	680	500	380				880	660	490				
			4.47	Edge	510	380		590	470	370	300				570	460	360				
	SPANDEK® 0.42 3/sheet	End	C1	2.03	General	1140	850	610	1280	1010	740	570	460	350	1280	990	730	550	460	360	
				3	Edge	770	570	410	880	700	550	450	380	300	860	690	540	440	380	300	
			C2	3.01	General																
				4.47	Edge																
Internal		C1	2.03	General	1140	850	610	1340	1010	740	570	460	350	1310	990	730	550	460	360		
			3	Edge	770	570	410	880	700	550	450	380	300	860	690	540	440	380	300		
		C2	3.01	General																	
			4.47	Edge																	

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.0mm thick steel support with 4 x M6.5-12x30 hex head screws at internal supports and 2 x M6.5-12x30 screws at end supports.

CYCLONIC REGION - WALL

TS6175 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)															
					TOPSPAN® Span/Support Spacings															
					Single Span (mm)			Continuous Span (mm)						Lapped Span (mm)						
					1500	2000	2500	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000	
CUSTOM ORB® 0.42 5/sheet	End	C1	2.03	General	1140	850	610	1400	1230	740	570	460	350	1400	1320	730	550	460	360	
			3	Edge	770	570	410	1180	860	550	450	380	300	1150	920	540	440	380	300	
		C2	3.01	General	760	570		1200	830	500	380		1190	880	490					
			4.47	Edge	510	380		790	570	370	300		770	610	360					
		C3	4.44	General	520			820	560				800	600						
			6.57	Edge	350			540	390				520	420						
	Internal	C1	2.03	General	1140	850	610	1780	1230	740	570	460	350	1770	1320	730	550	460	360	
			3	Edge	770	570	410	1180	860	550	450	380	300	1150	920	540	440	380	300	
		C2	3.01	General	760	570		1210	830	500	380		1190	880	490					
			4.47	Edge	510	380		790	570	370	300		770	610	360					
		C3	4.44	General	520			820	560				800	600						
			6.57	Edge	350			540	390				520	420						
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.03	General	1140	850	610	1810	1230	740	570	460	350	1770	1320	730	550	460	360	
			3	Edge	770	570	410	1180	860	550	450	380	300	1150	920	540	440	380	300	
		C2	3.01	General	760	570		1210	830	500	380		1190	880	490					
			4.47	Edge	510	380		790	570	370	300		770	610	360					
		C3	4.44	General	520			820	560				800	600						
			6.57	Edge	350			540	390				520	420						
	Internal	C1	2.03	General	1140	850	610	1810	1230	740	570	460	350	1770	1320	730	550	460	360	
			3	Edge	770	570	410	1180	860	550	450	380	300	1150	920	540	440	380	300	
		C2	3.01	General	760	570		1210	830	500	380		1190	880	490					
			4.47	Edge	510	380		790	570	370	300		770	610	360					
		C3	4.44	General	520			820	560				800	600						
			6.57	Edge	350			540	390				520	420						
TRIMDEK® 0.42 4/sheet	End	C1	2.03	General	1140	850	610	1460	1230	740	570	460	350	1460	1320	730	550	460	360	
			3	Edge	770	570	410	1180	860	550	450	380	300	1150	920	540	440	380	300	
		C2	3.01	General	760	570		1180	830	500	380		1180	880	490					
			4.47	Edge	510	380		790	570	370	300		770	610	360					
	Internal	C1	2.03	General	1140	850	610	1760	1230	740	570	460	350	1760	1320	730	550	460	360	
			3	Edge	770	570	410	1180	860	550	450	380	300	1150	920	540	440	380	300	
C2	3.01	General	760	570		1210	830	500	380		1190	880	490							
	4.47	Edge	510	380		790	570	370	300		770	610	360							
SPANDEK® 0.42 3/sheet	End	C1	2.03	General	1140	850	610	1280	1230	740	570	460	350	1280	1280	730	550	460	360	
			3	Edge	770	570	410	900	860	550	450	380	300	900	900	540	440	380	300	
		C2	3.01	General																
			4.47	Edge																
	Internal	C1	2.03	General	1140	850	610	1650	1230	740	570	460	350	1650	1320	730	550	460	360	
			3	Edge	770	570	410	1180	860	550	450	380	300	1150	920	540	440	380	300	
C2	3.01	General																		
	4.47	Edge																		

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.2mm thick steel support with 4 x #14-10x25 hex head screws at internal supports and 2 x #14-10x25 screws at end supports.

CYCLONIC REGION - WALL

TS6110 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																	
					TOPSPAN® Span/Support Spacings																	
					Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)							
					1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000	
CUSTOM ORB® 0.42 5/sheet	End	C1	2.03	General	1400	980	680	540	460	1340	1010	800	670	560	410	1310	990	790	660	560	460	
			3	Edge	1080	660	460	370	310	880	700	600	530	460	350	860	690	580	520	460	390	
		C2	3.01	General	1080	660	450			900	680	540	450	370			880	660	530	440	380	
			4.47	Edge	730	440	300			590	470	400	350	310			570	460	390	350	310	
		C3	4.44	General	730	440				610	460						600	450				
			6.57	Edge	490	300				400	320						390	310				
	Internal	C1	2.03	General	1600	980	680	540	460	1340	1010	800	670	560	410	1310	990	790	660	560	460	
			3	Edge	1080	660	460	370	310	880	700	600	530	460	350	860	690	580	520	460	390	
		C2	3.01	General	1080	660	450			900	680	540	450	370			880	660	530	440	380	
			4.47	Edge	730	440	300			590	470	400	350	310			570	460	390	350	310	
		C3	4.44	General	730	440				610	460						600	450				
			6.57	Edge	490	300				400	320						390	310				
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.03	General	1600	980	680	540	460	1340	1010	800	670	560	410	1310	990	790	660	560	460	
			3	Edge	1080	660	460	370	310	880	700	600	530	460	350	860	690	580	520	460	390	
		C2	3.01	General	1080	660	450			900	680	540	450	370			880	660	530	440	380	
			4.47	Edge	730	440	300			590	470	400	350	310			570	460	390	350	310	
		C3	4.44	General	730	440				610	460						600	450				
			6.57	Edge	490	300				400	320						390	310				
	Internal	C1	2.03	General	1600	980	680	540	460	1340	1010	800	670	560	410	1310	990	790	660	560	460	
			3	Edge	1080	660	460	370	310	880	700	600	530	460	350	860	690	580	520	460	390	
		C2	3.01	General	1080	660	450			900	680	540	450	370			880	660	530	440	380	
			4.47	Edge	730	440	300			590	470	400	350	310			570	460	390	350	310	
		C3	4.44	General	730	440				610	460						600	450				
			6.57	Edge	490	300				400	320						390	310				
TRIMDEK® 0.42 4/sheet	End	C1	2.03	General	1460	980	680	540	460	1340	1010	800	670	560	410	1310	990	790	660	560	460	
			3	Edge	1080	660	460	370	310	880	700	600	530	460	350	860	690	580	520	460	390	
		C2	3.01	General	1080	660	450			900	680	540	450	370			880	660	530	440	380	
			4.47	Edge	730	440	300			590	470	400	350	310			570	460	390	350	310	
	Internal	C1	2.03	General	1600	980	680	540	460	1340	1010	800	670	560	410	1310	990	790	660	560	460	
			3	Edge	1080	660	460	370	310	880	700	600	530	460	350	860	690	580	520	460	390	
SPANDEK® 0.42 3/sheet	End	C1	2.03	General	1280	980	680	540	460	1280	1010	800	670	560	410	1280	990	790	660	560	460	
			3	Edge	900	660	460	370	310	880	700	600	530	460	350	860	690	580	520	460	390	
		C2	3.01	General																		
			4.47	Edge																		
	Internal	C1	2.03	General	1600	980	680	540	460	1340	1010	800	670	560	410	1310	990	790	660	560	460	
			3	Edge	1080	660	460	370	310	880	700	600	530	460	350	860	690	580	520	460	390	
C2	3.01	General																				
	4.47	Edge																				

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.0mm thick steel support with 4 x M6.5-12x30 hex head screws at internal supports and 2 x M6.5-12x30 screws at end supports.

CYCLONIC REGION - WALL

TS6110 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																	
					TOPSPAN® Span/Support Spacings																	
					Single Span (mm)					Continuous Span (mm)					Lapped Span (mm)							
					1500	2000	2500	3000	3500	1500	2000	2500	3000	3500	4000	1500	2000	2500	3000	3500	4000	
CUSTOM ORB® 0.42 5/sheet	End	C1	2.03	General	1400	980	680	540	460	1400	1350	940	710	560	410	1400	1320	1060	810	590	460	
			3	Edge	1080	660	460	370	310	1180	940	700	560	460	350	1150	920	790	640	480	390	
		C2	3.01	General	1080	660	450			1200	910	630	470	370		1190	890	710	550	390		
			4.47	Edge	730	440	300			790	630	470	370	310		770	620	530	430	320		
		C3	4.44	General	730	440				820	610	430				800	600	480				
			6.57	Edge	490	300				540	430	320				520	420	360				
	Internal	C1	2.03	General	1600	980	680	540	460	1780	1350	940	710	560	410	1770	1320	1060	810	590	460	
			3	Edge	1080	660	460	370	310	1180	940	700	560	460	350	1150	920	790	640	480	390	
		C2	3.01	General	1080	660	450			1210	910	630	470	370		1190	890	710	550	390		
			4.47	Edge	730	440	300			790	630	470	370	310		770	620	530	430	320		
		C3	4.44	General	730	440				820	610	430				800	600	480				
			6.57	Edge	490	300				540	430	320				520	420	360				
	CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.03	General	1600	980	680	540	460	1810	1350	940	710	560	410	1770	1320	1060	810	590	460
				3	Edge	1080	660	460	370	310	1180	940	700	560	460	350	1150	920	790	640	480	390
C2			3.01	General	1080	660	450			1210	910	630	470	370		1190	890	710	550	390		
			4.47	Edge	730	440	300			790	630	470	370	310		770	620	530	430	320		
C3			4.44	General	730	440				820	610	430				800	600	480				
			6.57	Edge	490	300				540	430	320				520	420	360				
Internal		C1	2.03	General	1600	980	680	540	460	1810	1350	940	710	560	410	1770	1320	1060	810	590	460	
			3	Edge	1080	660	460	370	310	1180	940	700	560	460	350	1150	920	790	640	480	390	
		C2	3.01	General	1080	660	450			1210	910	630	470	370		1190	890	710	550	390		
			4.47	Edge	730	440	300			790	630	470	370	310		770	620	530	430	320		
		C3	4.44	General	730	440				820	610	430				800	600	480				
			6.57	Edge	490	300				540	430	320				520	420	360				
TRIMDEK® 0.42 4/sheet		End	C1	2.03	General	1460	980	680	540	460	1460	1350	940	710	560	410	1460	1320	1060	810	590	460
				3	Edge	1080	660	460	370	310	1180	940	700	560	460	350	1150	920	790	640	480	390
	C2		3.01	General	1080	660	450			1180	910	630	470	370		1180	890	710	550	390		
			4.47	Edge	730	440	300			790	630	470	370	310		770	620	530	430	320		
	Internal	C1	2.03	General	1600	980	680	540	460	1760	1350	940	710	560	410	1760	1320	1060	810	590	460	
			3	Edge	1080	660	460	370	310	1180	940	700	560	460	350	1150	920	790	640	480	390	
		C2	3.01	General	1080	660	450			1210	910	630	470	370		1190	890	710	550	390		
			4.47	Edge	730	440	300			790	630	470	370	310		770	620	530	430	320		
SPANDEK® 0.42 3/sheet	End	C1	2.03	General	1280	980	680	540	460	1280	1280	940	710	560	410	1280	1280	1060	810	590	460	
			3	Edge	900	660	460	370	310	900	900	700	560	460	350	900	900	790	640	480	390	
		C2	3.01	General																		
			4.47	Edge																		
	Internal	C1	2.03	General	1600	980	680	540	460	1650	1350	940	710	560	410	1650	1320	1060	810	590	460	
			3	Edge	1080	660	460	370	310	1180	940	700	560	460	350	1150	920	790	640	480	390	
	C2	3.01	General																			
		4.47	Edge																			

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.2mm thick steel support with 4 x #14-10x25 hex head screws at internal supports and 2 x #14-10x25 screws at end supports.

CYCLONIC REGION - WALL

TS6112 Support Thickness = 1.0mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																	
					TOPSPAN® Span/Support Spacings																	
					Single Span (mm)				Continuous Span (mm)				Lapped Span (mm)									
					2000	2500	3000	3500	2000	2500	3000	3500	4000	2000	2500	3000	3500	4000	4500	5000	5500	
CUSTOM ORB® 0.42 5/sheet	End	C1	2.03	General	1000	810	640	500	1010	800	670	570	500	990	790	660	560	470	420	380	330	
			3	Edge	670	550	430	340	700	600	530	470	420	690	580	520	460	400	370	330	300	
		C2	3.01	General	670	540			680	540	450	380			660	530	440	380				
			4.47	Edge	450	360			470	400	350	310			460	390	350	310				
		C3	4.44	General	450				460						450							
			6.57	Edge	300				320						310							
	Internal	C1	2.03	General	1000	810	640	500	1010	800	670	570	500	990	790	660	560	470	420	380	330	
			3	Edge	670	550	430	340	700	600	530	470	420	690	580	520	460	400	370	330	300	
		C2	3.01	General	670	540			680	540	450	380			660	530	440	380				
			4.47	Edge	450	360			470	400	350	310			460	390	350	310				
		C3	4.44	General	450				460						450							
			6.57	Edge	300				320						310							
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.03	General	1000	810	640	500	1010	800	670	570	500	990	790	660	560	470	420	380	330	
			3	Edge	670	550	430	340	700	600	530	470	420	690	580	520	460	400	370	330	300	
		C2	3.01	General	670	540			680	540	450	380			660	530	440	380				
			4.47	Edge	450	360			470	400	350	310			460	390	350	310				
		C3	4.44	General	450				460						450							
			6.57	Edge	300				320						310							
	Internal	C1	2.03	General	1000	810	640	500	1010	800	670	570	500	990	790	660	560	470	420	380	330	
			3	Edge	670	550	430	340	700	600	530	470	420	690	580	520	460	400	370	330	300	
		C2	3.01	General	670	540			680	540	450	380			660	530	440	380				
			4.47	Edge	450	360			470	400	350	310			460	390	350	310				
		C3	4.44	General	450				460						450							
			6.57	Edge	300				320						310							
TRIMDEK® 0.42 4/sheet	End	C1	2.03	General	1000	810	640	500	1010	800	670	570	500	990	790	660	560	470	420	380	330	
			3	Edge	670	550	430	340	700	600	530	470	420	690	580	520	460	400	370	330	300	
		C2	3.01	General	670	540			680	540	450	380			660	530	440	380				
			4.47	Edge	450	360			470	400	350	310			460	390	350	310				
	Internal	C1	2.03	General	1000	810	640	500	1010	800	670	570	500	990	790	660	560	470	420	380	330	
			3	Edge	670	550	430	340	700	600	530	470	420	690	580	520	460	400	370	330	300	
C2	3.01	General	670	540			680	540	450	380			660	530	440	380						
	4.47	Edge	450	360			470	400	350	310			460	390	350	310						
SPANDEK® 0.42 3/sheet	End	C1	2.03	General	1000	810	640	500	1010	800	670	570	500	990	790	660	560	470	420	380	330	
			3	Edge	670	550	430	340	700	600	530	470	420	690	580	520	460	400	370	330	300	
		C2	3.01	General																		
			4.47	Edge																		
	Internal	C1	2.03	General	1000	810	640	500	1010	800	670	570	500	990	790	660	560	470	420	380	330	
			3	Edge	670	550	430	340	700	600	530	470	420	690	580	520	460	400	370	330	300	
C2	3.01	General																				
	4.47	Edge																				

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.0mm thick steel support with 4 x M6.5-12x30 hex head screws at internal supports and 2 x M6.5-12x30 screws at end supports.

CYCLONIC REGION - WALL

TS6112 Support Thickness = 1.2mm

Roof Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																	
					TOPSPAN® Span/Support Spacings																	
					Single Span (mm)				Continuous Span (mm)					Lapped Span (mm)								
					2000	2500	3000	3500	2000	2500	3000	3500	4000	2000	2500	3000	3500	4000	4500	5000	5500	
CUSTOM ORB® 0.42 5/sheet	End	C1	2.03	General	1000	810	640	500	1350	1080	870	680	540	1320	1060	880	650	470	420	380	330	
			3	Edge	670	550	430	340	940	810	690	550	460	920	790	690	530	400	370	330	300	
		C2	3.01	General	670	540			910	720	590	450	360	890	710	590	430					
			4.47	Edge	450	360			630	540	460	370	310	620	530	460	350					
		C3	4.44	General	450				610	490	400			600	480	400						
			6.57	Edge	300				430	370	310			420	360	310						
	Internal	C1	2.03	General	1000	810	640	500	1350	1080	870	680	540	1320	1060	880	650	470	420	380	330	
			3	Edge	670	550	430	340	940	810	690	550	460	920	790	690	530	400	370	330	300	
		C2	3.01	General	670	540			910	720	590	450	360	890	710	590	430					
			4.47	Edge	450	360			630	540	460	370	310	620	530	460	350					
		C3	4.44	General	450				610	490	400			600	480	400						
			6.57	Edge	300				430	370	310			420	360	310						
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.03	General	1000	810	640	500	1350	1080	870	680	540	1320	1060	880	650	470	420	380	330	
			3	Edge	670	550	430	340	940	810	690	550	460	920	790	690	530	400	370	330	300	
		C2	3.01	General	670	540			910	720	590	450	360	890	710	590	430					
			4.47	Edge	450	360			630	540	460	370	310	620	530	460	350					
		C3	4.44	General	450				610	490	400			600	480	400						
			6.57	Edge	300				430	370	310			420	360	310						
	Internal	C1	2.03	General	1000	810	640	500	1350	1080	870	680	540	1320	1060	880	650	470	420	380	330	
			3	Edge	670	550	430	340	940	810	690	550	460	920	790	690	530	400	370	330	300	
		C2	3.01	General	670	540			910	720	590	450	360	890	710	590	430					
			4.47	Edge	450	360			630	540	460	370	310	620	530	460	350					
		C3	4.44	General	450				610	490	400			600	480	400						
			6.57	Edge	300				430	370	310			420	360	310						
TRIMDEK® 0.42 4/sheet	End	C1	2.03	General	1000	810	640	500	1350	1080	870	680	540	1320	1060	880	650	470	420	380	330	
			3	Edge	670	550	430	340	940	810	690	550	460	920	790	690	530	400	370	330	300	
		C2	3.01	General	670	540			910	720	590	450	360	890	710	590	430					
			4.47	Edge	450	360			630	540	460	370	310	620	530	460	350					
	Internal	C1	2.03	General	1000	810	640	500	1350	1080	870	680	540	1320	1060	880	650	470	420	380	330	
			3	Edge	670	550	430	340	940	810	690	550	460	920	790	690	530	400	370	330	300	
C2	3.01	General	670	540			910	720	590	450	360	890	710	590	430							
	4.47	Edge	450	360			630	540	460	370	310	620	530	460	350							
SPANDEK® 0.42 3/sheet	End	C1	2.03	General	1000	810	640	500	1280	1080	870	680	540	1280	1060	880	650	470	420	380	330	
			3	Edge	670	550	430	340	900	810	690	550	460	900	790	690	530	400	370	330	300	
		C2	3.01	General																		
			4.47	Edge																		
	Internal	C1	2.03	General	1000	810	640	500	1350	1080	870	680	540	1320	1060	880	650	470	420	380	330	
			3	Edge	670	550	430	340	940	810	690	550	460	920	790	690	530	400	370	330	300	
C2	3.01	General																				
	4.47	Edge																				

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 61 is fastened to 1.2mm thick steel support with 4 x #14-10x25 hex head screws at internal supports and 2 x #14-10x25 screws at end supports.

Reference Documents

For TOPSPAN® capacity in non-cyclonic regions, refer to the Lysaght publication titled LYSAGHT TOPSPAN® light gauge steel sections.

For TOPSPAN® capacity in cyclonic regions, refer to the Lysaght publication titled Cyclonic Area Design Manual.

These publications also contain other product information (profile dimensions, section properties), product fixing, product installation and material specification.

For product features and application refer to the Lysaght publication titled LYSAGHT TOPSPAN® – light gauge steel sections. This publication contains design tables and product installation information.



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