TOPSPAN®

QUICK SELECTION GUIDE

LYSAGHT

CONTENTS

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.

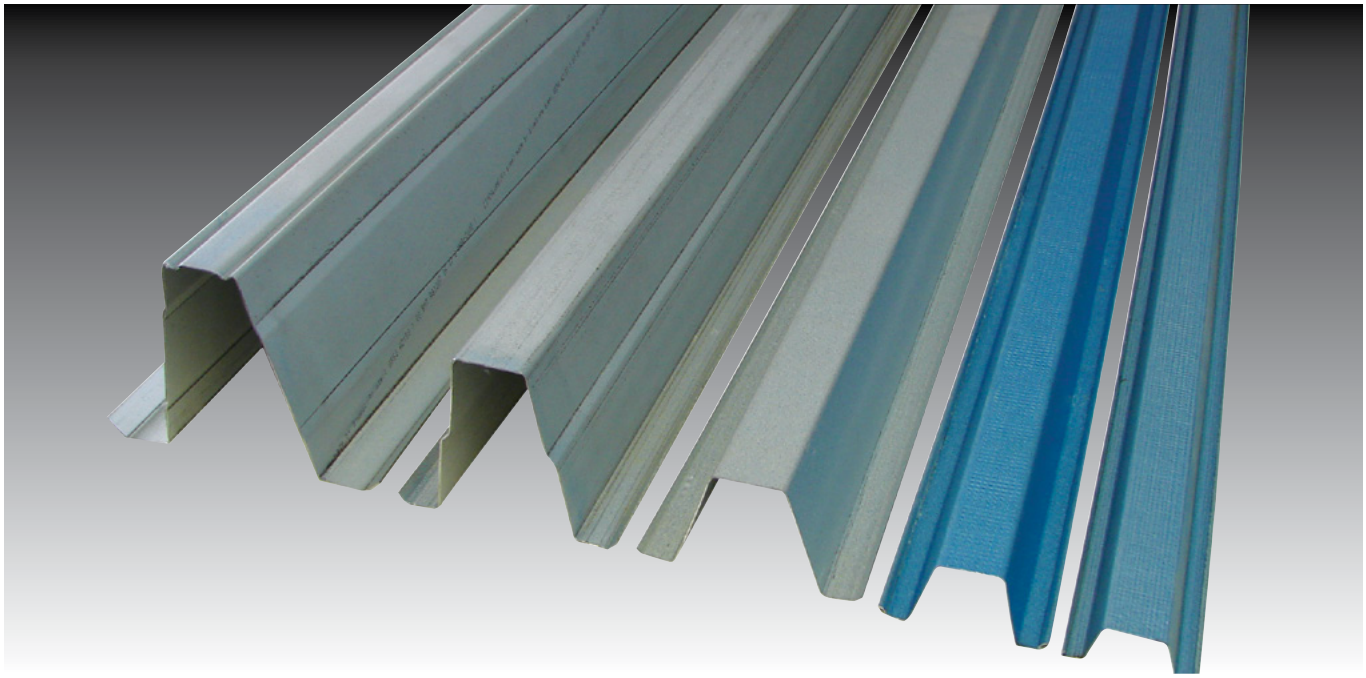
The TOPSPAN® selection tables given in this publication have been generated taking into account all the relevant strength modes such as the TOPSPAN® capacity, connection capacity of the TOPSPAN® to the support, cladding capacity and maximum recommended span, cladding connection capacity to the TOPSPAN® 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 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 - ROOF

External pressure coefficient C_{pe} = -0.9, +0.4

Internal pressure coefficient C_{pi} = +0.2, -0.3

Local pressure factor K_l = 2 at building edges

CYCLONIC - ROOF

External pressure coefficient C_e = -0.9

Internal pressure coefficient C_{pi} = +0.7

Local pressure factor K_l = 2 at building edges

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

NON-CYCLONIC - WALL

External pressure coefficient C_{pe} = +0.7,-0.65

Internal pressure coefficient C_{pi} = -0.3, +0.2

Local pressure factor K_l = 2 at building edges

CYCLONIC - WALL

External pressure coefficient C_{pe} = -0.65

Internal pressure coefficient C_{pi} = +0.7

Local pressure factor K_l = 2 at building edges

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

NON-CYCLONIC - CEILING

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

CYCLONIC - CEILING

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

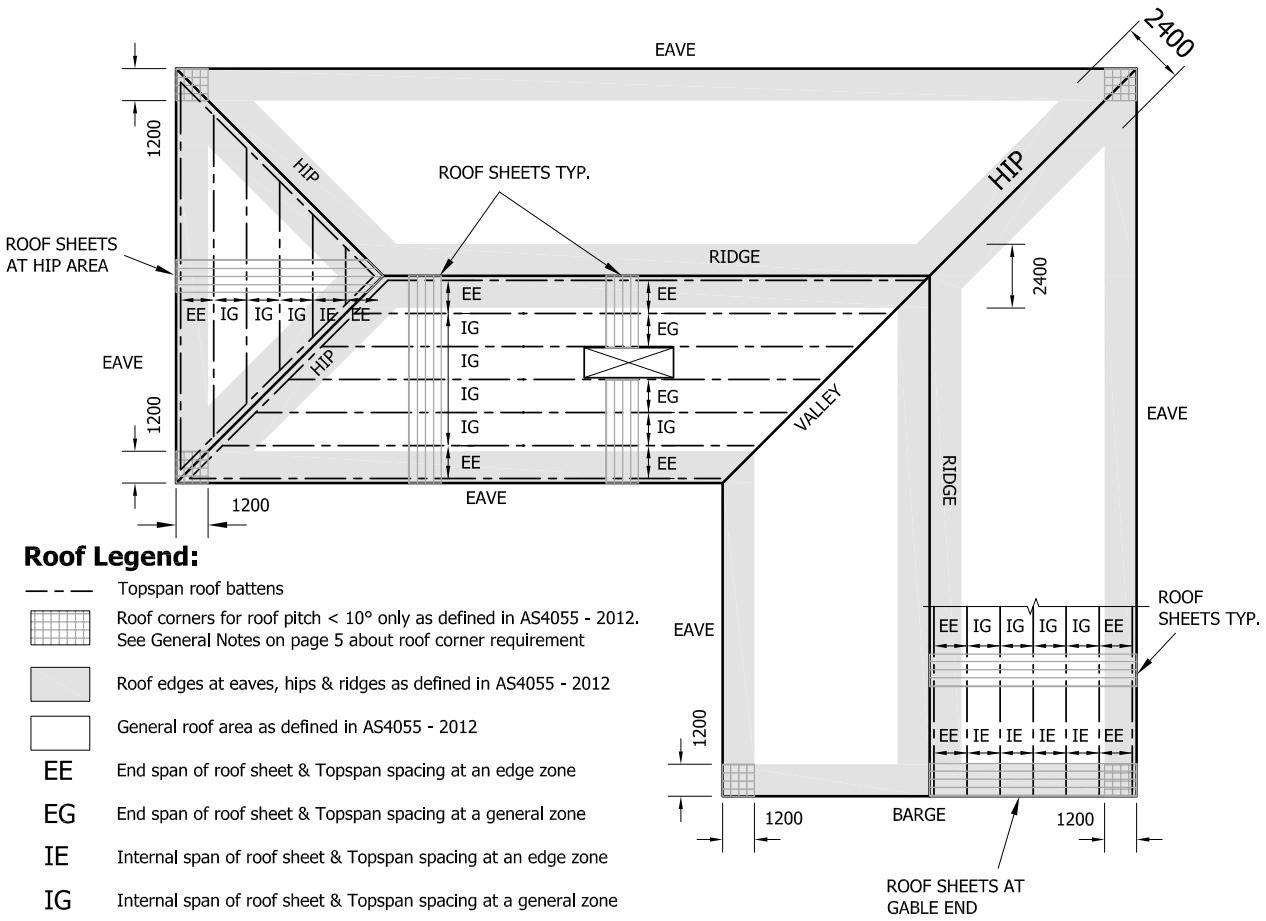
    1.0 mm BMT - G550

    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, for corner applications where the local pressure factor Kl=3 for building corners with roof pitch < 10°, 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:

— — —	Topspan roof battens
	Roof corners for roof pitch < 10° only as defined in AS4055 - 2012. See General Notes on page 5 about roof corner requirement
	Roof edges at eaves, hips & ridges as defined in AS4055 - 2012
	General roof area as defined in AS4055 - 2012
EE	End span of roof sheet & Topspan spacing at an edge zone
EG	End span of roof sheet & Topspan spacing at a general zone
IE	Internal span of roof sheet & Topspan spacing at an edge zone
IG	Internal span of roof sheet & Topspan spacing at a general zone

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

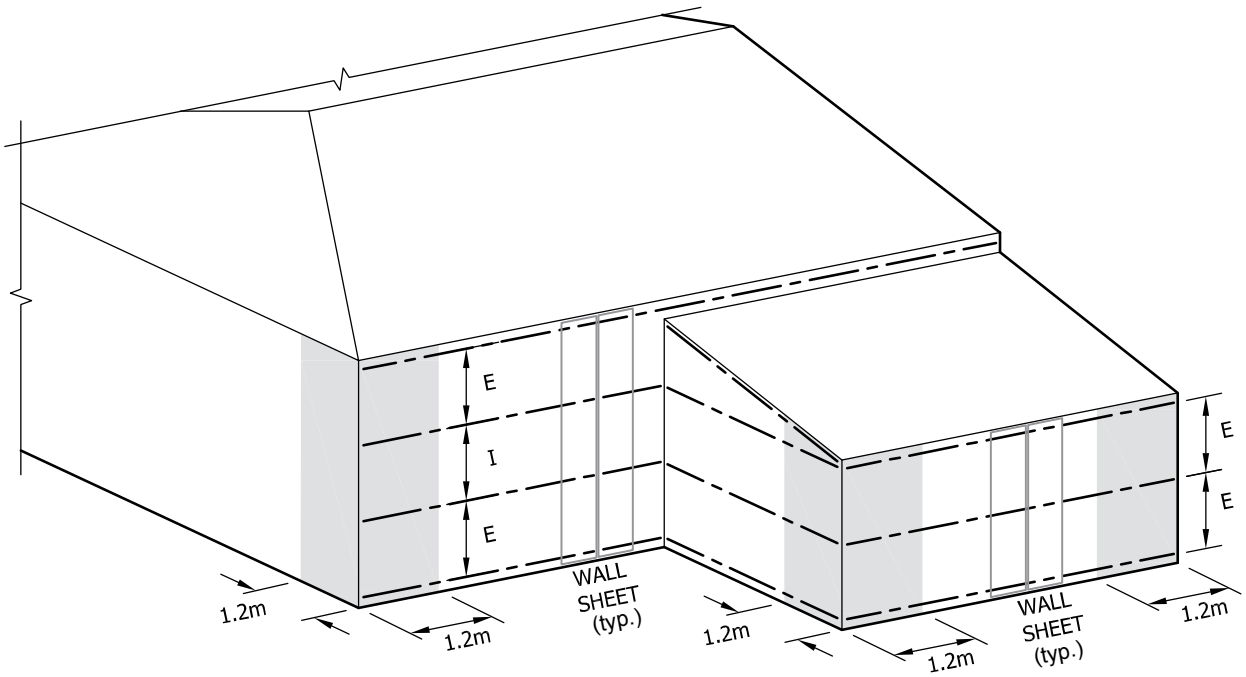


Figure 3:

Building geometry limits.

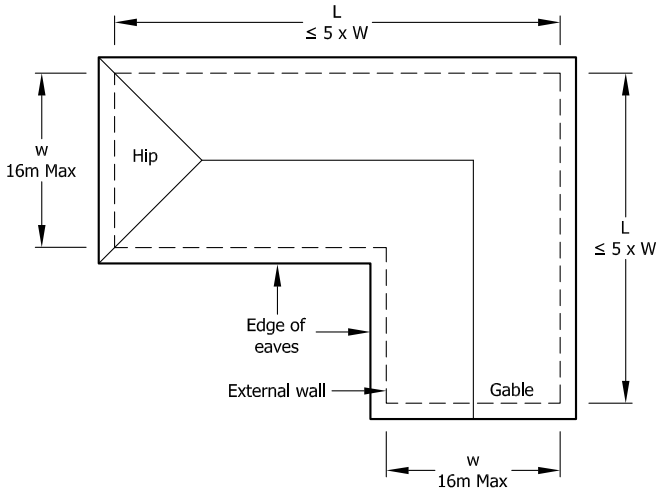
The building dimension limitations are in accordance to AS 4055 Wind loads for housing.

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°.

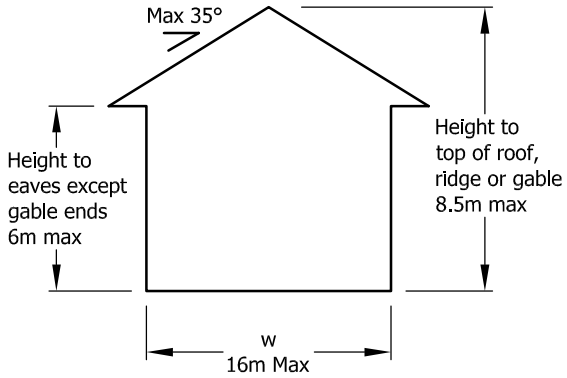


PLAN VIEW

LEGEND:

W - Building width, excludes eaves

L - Building Length



SECTION

Wind Classification														
		Topographic Classification												
Wind Region	Terrain Category	T0			T1			T2			T3		T4	T5
		FS	PS	NS	FS	PS	NS	FS	PS	NS	PS	NS	NS	NS
A	3	N1	N1	N1	N1	N2	N2	N2	N2	N2	N3	N3	N3	N4
	2.5	N1	N1	N2	N1	N2	N2	N2	N3	N3	N3	N3	N4	N4
	2	N1	N2	N2	N2	N2	N3	N2	N3	N3	N3	N3	N4	N4
	1.5	N2	N2	N2	N2	N3	N3	N3	N3	N3	N3	N4	N4	N5
	1	N2	N3	N3	N2	N3	N3	N3	N3	N4	N4	N4	N4	N5
B	3	N2	N2	N3	N2	N3	N3	N3	N3	N4	N4	N4	N4	N5
	2.5	N2	N3	N3	N3	N3	N3	N3	N4	N4	N4	N4	N5	N5
	2	N2	N3	N3	N3	N3	N4	N3	N4	N4	N4	N5	N5	N6
	1.5	N3	N3	N4	N3	N4	N4	N4	N4	N4	N5	N5	N5	N6
	1	N3	N4	N4	N4	N4	N4	N4	N5	N5	N5	N5	N6	N6
C	3	C1	C1	C2	C1	C2	C2	C2	C2	C3	C3	C3	C3	C4
	2.5	C1	C2	C2	C2	C2	C2	C2	C3	C3	C3	C3	C4	N/A
	2	C1	C2	C2	C2	C2	C3	C2	C3	C3	C3	C4	C4	N/A
	1.5	C2	C2	C3	C2	C3	C3	C3	C3	C4	C4	C4	N/A	N/A
	1	C2	C3	C3	C3	C3	C3	C3	C4	C4	C4	N/A	N/A	N/A
D	3	C2	C3	C3	C2	C3	C3	C3	C4	C4	C4	C4	N/A	N/A
	2.5	C2	C3	C3	C3	C3	C4	C3	C4	C4	C4	N/A	N/A	N/A
	2	C3	C3	C4	C3	C4	C4	C4	C4	N/A	N/A	N/A	N/A	N/A
	1.5	C3	C4	C4	C4	C4	N/A	C4	N/A	N/A	N/A	N/A	N/A	N/A
	1	C3	C4	C4	C4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Legend:

FS = Full shielding

PS = Partial shielding

NS = No shielding

N = Non-cyclonic

C = Cyclonic

N/A = Not Available, refer to AS1170.2: 2011.

For more details on wind classification, wind region, topographic class and shielding, refer to Australian Standards AS1170.2 and AS 4055. The table above is adopted from Table 2.2 of AS4055 – 2012. The Topspan quick selection table is conservative to cover a range of configurations and building details and does not cover all wind classes. In such cases, Refer to more detailed design aid such as the LYSAGHT TOPSPAN® Design & Installation Guide and the LYSAGHT® Cyclonic Area Design Manual. For more design pressure information refer to AS 4055.

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 'AS 4055' 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.

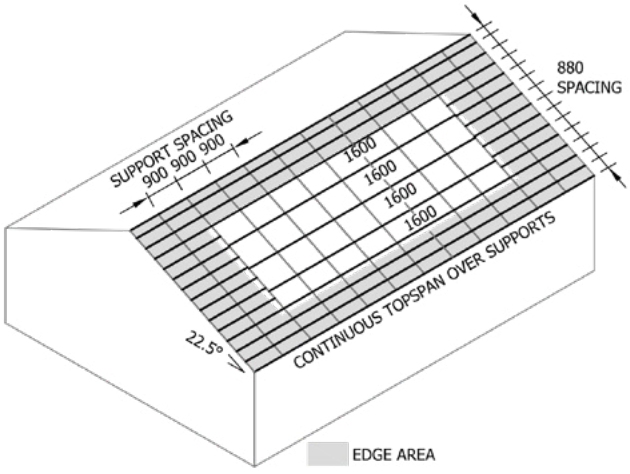
NON-CYCLONIC REGION - ROOF SUPPORT

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)		
						TOPSPAN® Span/Support Spacings		
			Outward	Inward		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:

CYCLONIC REGION - ROOF SUPPORT

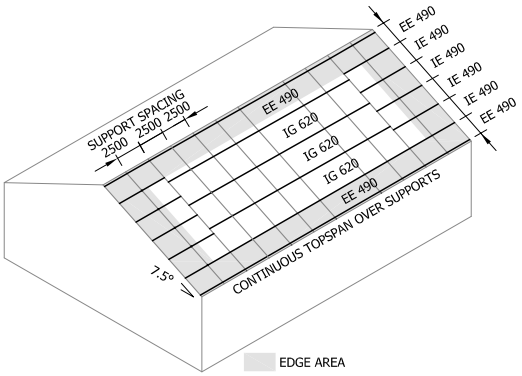
TS6175 Support thickness = 1.2mm

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:



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).

At corners add an additional row of TOPSPAN®.
Refer to note 12 on page 5.

CYCLONIC REGION - ROOF SUPPORT

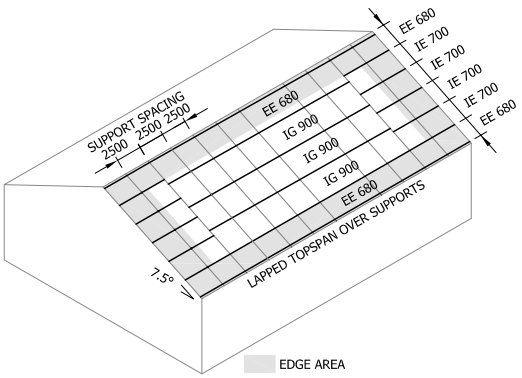
TS6110 Support thickness = 1.2mm

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.

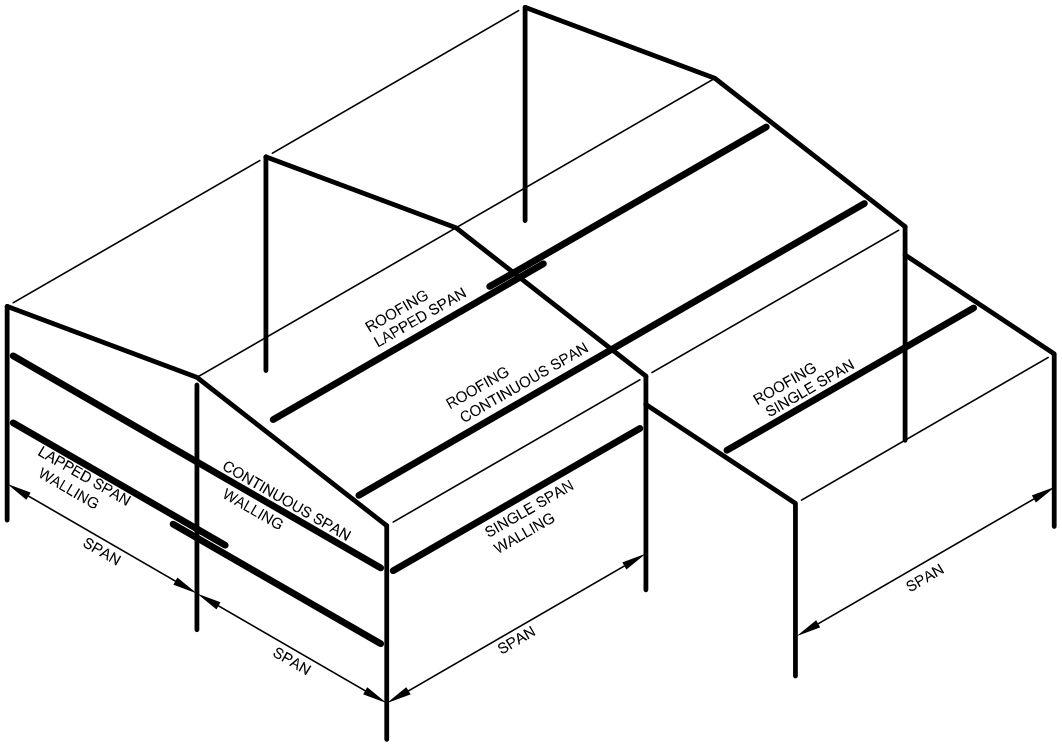
At corners add an additional row of TOPSPAN®.
Refer to note 12 on page 5.

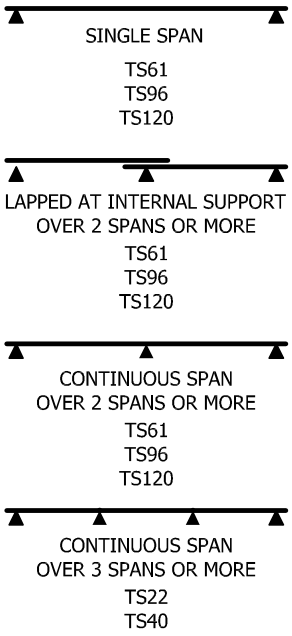


SPAN CONFIGURATIONS

Figure 4:

Span configurations.





NOTE:

1. Span refers to the distance between the supports.
2. 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)**		**Cyclonic (with cyclonic washer)**	
	≤1mm	**1.2mm**	**0.75 to 1mm**	**1.2mm**	**0.75 to 1mm**	**1.2mm**
0.42 CUSTOM ORB® 0.60 CUSTOM BLUE ORB®	M6-11x50 Roofzips®	#12-14x39 AutoTeks	#14-12x55 Cyclonic Roofzips®**	#14-10x50 HH	#14-12x55 Cyclonic Roofzips®, ROOF-LOK® assembly	#14-10x53 HH ROOF-LOK® assembly
0.42 SPANDEK®		#12-14x50 AutoTeks				
0.42 TRIMDEK®		#12-14x50 AutoTeks				

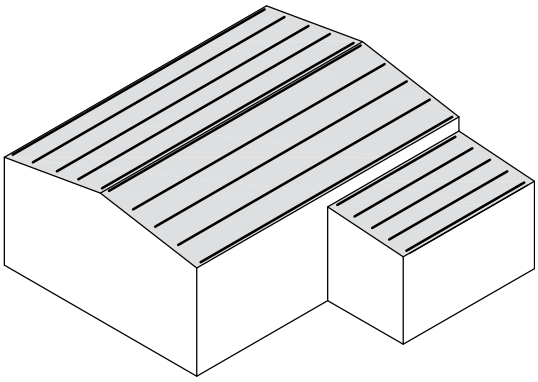
LYSAGHT® Profiles	**TOPSPAN® (BMT) - Wall (Pan fixed)**				
	Non-cyclonic		**Cyclonic (without cyclonic washer)**		
	≤1mm	**1.2mm**	**0.75 to 1mm**	**1.2mm**	
0.42 CUSTOM ORB® 0.60 CUSTOM BLUE ORB®	M6-11x25 Roofzips®	#10-16x16 HH	#14-12x30 Cyclonic Roofzips®***	#14-10x25 HH	
0.42 SPANDEK®					
0.42 TRIMDEK®					

Notes:

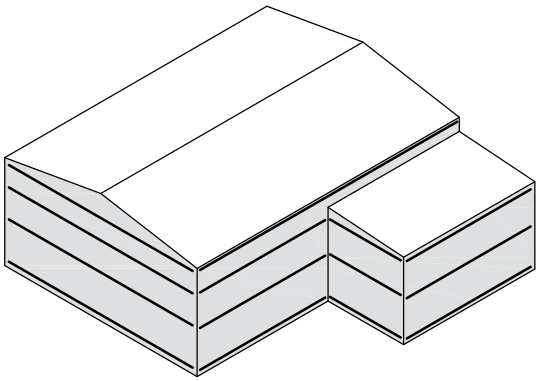
1. Specifications given are: gauge/threads per inch/length (mm) HH = Hex head # = Imperial gauge M = metric gauge.
2. Screw specification as above or equivalent fastener. All screws with EPDM washer.
3. *Indicates alternatively M6-11x50 Roofzips® can be used.
4. **Indicates alternatively M6-11x25 Roofzips® can be used.

4.0 Non-cyclonic Region - Index

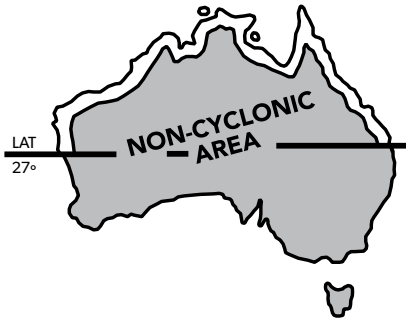
NON-CYCLONIC ROOF



NON-CYCLONIC WALL



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)		
						Continuous TOPSPAN® Span/Support Spacings		
			Outward	Inward		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)		
						Continuous TOPSPAN® Span/Support Spacings		
			Outward	Inward		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)		
						Continuous TOPSPAN® Span/Support Spacings		
			Outward	Inward		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)		
						Continuous TOPSPAN® Span/Support Spacings		
			Outward	Inward		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)		
						Continuous TOPSPAN® Span/Support Spacings		
			Outward	Inward		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)		
						Continuous TOPSPAN® Span/Support Spacings		
			Outward	Inward		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)						
			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	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	320				
		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	320				
		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																	
						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	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	430				
			6.57		Edge	660	490	340				390	300					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

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						440													
			6.57		Edge	460	380	300						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						440													
			6.57		Edge	460	380	300						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						440					430								
			6.57		Edge	460	380	300						300					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	360	310						
		N5	3.61	2.30	General	680	540	420						440					430								
			6.57		Edge	460	380	300						300					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

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																				
						Single Span (mm)							Continuous Span (mm)				Lapped Span (mm)									
			Outward	Inward		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	1690	560	890	780	690	1630	560	490	440	400	350	300
		N3	1.65	1.05	General	730	610	500	410				820	700	1600	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	B4D	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	S60	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																					
						Single Span (mm)							Continuous Span (mm)				Lapped Span (mm)									
			Outward	Inward		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				490									
			6.57		Edge								340				340									

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#14-10x25screws at end supports.
3. Maximum roof slope is limited to 15° if concentrated load is applied on unclad TOPSPAN® 96.

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	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	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																					

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

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																					
						Single Span (mm)									Continuous Span (mm)				Lapped Span (mm)									
			Outward	Inward		3000	3500	4000	4500	5000	5500	6000	6500	7000	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	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																							
						Single Span (mm)								Continuous Span (mm)					Lapped Span (mm)										
			Outward	Inward		3000	3500	4000	4500	5000	5500	6000	6500	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	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				540	460									
			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				540	460									
			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																							
						Single Span (mm)								Continuous Span (mm)					Lapped Span (mm)										
			Outward	Inward		3000	3500	4000	4500	5000	5500	6000	6500	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	890	720	580	500	450		900	900	900	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	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										

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.

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	2080	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																												
						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	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				490											
			6.57		Edge	510	410	320								340	300				330											
	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				490											
			6.57		Edge	510	410	320								340	300				330											
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	390							
			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				490											
			6.57		Edge	510	410	330								340	300				340											
	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	390							
			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				490											
			6.57		Edge	510	410	330								340	300				340											

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)					
			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	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:
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

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	62D	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				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

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	1.90	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				

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

TS6112 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		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	0.82	0.96	General	2500	2400	1860	1400	920	800	670	540	1450	1160	960	830	720	1420	1130	950	820	710	630	570	510	470
			1.44		Edge	1710	1360	1050	790	590	520	430	350	860	750	680	610	560	830	730	670	610	550	510	480	440	410
		N3	1.28	1.5	General	1930	1530	1190	900	590	510			930	740	610	530	460	900	720	610	520	450	400	360		
			2.25		Edge	1090	870	670	510	370	330			550	480	430	390	350	530	470	430	390	350	320	300		
		N4	1.90	2.23	General	1300	1030	800	600					620	500				610	490							
			3.35		Edge	730	580	450	340					370	320				360	310							
		N5	2.79	3.29	General	880	700	540																		
			4.93		Edge	500	390	300																		
	Internal	N2	0.82	0.96	General	2700	2400	1860	1400	920	800	670	540	1450	1160	960	830	720	1420	1130	950	820	710	630	570	510	470
			1.44		Edge	1710	1360	1050	790	590	520	430	350	860	750	680	610	560	830	730	670	610	550	510	480	440	410
		N3	1.28	1.5	General	1930	1530	1190	900	590	510			930	740	610	530	460	900	720	610	520	450	400	360		
			2.25		Edge	1090	870	670	510	370	330			550	480	430	390	350	530	470	430	390	350	320	300		
		N4	1.90	2.23	General	1300	1030	800	600					620	500				610	490							
			3.35		Edge	730	580	450	340					370	320				360	310							
		N5	2.79	3.29	General	880	700	540																		
			4.93		Edge	500	390	300																		
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	0.82	0.96	General	2700	2400	1860	1400	920	800	670	540	1450	1160	960	830	720	1420	1130	950	820	710	630	570	510	470
			1.44		Edge	1710	1360	1050	790	590	520	430	350	860	750	680	610	560	830	730	670	610	550	510	480	440	410
		N3	1.28	1.5	General	1930	1530	1190	900	590	510			930	740	610	530	460	900	720	610	520	450	400	360		
			2.25		Edge	1090	870	670	510	370	330			550	480	430	390	350	530	470	430	390	350	320	300		
		N4	1.90	2.23	General	1300	1030	800	600					620	500				610	490							
			3.35		Edge	730	580	450	340					370	320				360	310							
		N5	2.79	3.29	General	880	700	540																		
			4.93		Edge	500	390	300																		
	Internal	N2	0.82	0.96	General	2700	2400	1860	1400	920	800	670	540	1450	1160	960	830	720	1420	1130	950	820	710	630	570	510	470
			1.44		Edge	1710	1360	1050	790	590	520	430	350	860	750	680	610	560	830	730	670	610	550	510	480	440	410
		N3	1.28	1.5	General	1930	1530	1190	900	590	510			930	740	610	530	460	900	720	610	520	450	400	360		
			2.25		Edge	1090	870	670	510	370	330			550	480	430	390	350	530	470	430	390	350	320	300		
		N4	1.90	2.23	General	1300	1030	800	600					620	500				610	490							
			3.35		Edge	730	580	450	340					370	320				360	310							
		N5	2.79	3.29	General	880	700	540																		
			4.93		Edge	500	390	30																		
TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	3000	2400	1860	1400	920	800	670	540	1450	1160	960	830	720	1420	1130	950	820	710	630	570	510	470
			1.44		Edge	1710	1360	1050	790	590	520	430	350	860	750	680	610	560	830	730	670	610	550	510	480	440	410
		N3	1.28	1.5	General	1930	1530	1190	900	590	510			930	740	610	530	460	900	720	610	520	450	400	360		
			2.25		Edge	1090	870	670	510	370	330			550	480	430	390	350	530	470	430	390	350	320	300		
		N4	1.90	2.23	General	1300	1030	800	600					620	500				610	490							
			3.35		Edge	730	580	450	340					370	320				360	310							
		N5	2.79	3.29	General	880	700	540																		
			4.93		Edge	500	390	300																		
	Internal	N2	0.82	0.96	General	3000	2400	1860	1400	920	800	670	540	1450	1160	960	830	720	1420	1130	950	820	710	630	570	510	470
			1.44		Edge	1710	1360	1050	790	590	520	430	350	860	750	680	610	560	830	730	670	610	550	510	480	440	410
		N3	1.28	1.5	General	1930	1530	1190	900	590	510			930	740	610	530	460	900	720	610	520	450	400	360		
			2.25		Edge	1090	870	670	510	370	330			550	480	430	390	350	530	470	430	390	350	320	300		
		N4	1.90	2.23	General	1300	1030	800	600					620	500				610	490							
			3.35		Edge	730	580	450	340					370	320				360	310							
		N5	2.79	3.29	General	880	700	540																		
			4.93		Edge	500	390	300																		
SPANDEK® 0.42 3/sheet	End	N2	0.82	0.96	General	3000	2400	1860	1400	920	800	670	540	1450	1160	960	830	720	1420	1130	950	820	710	630	570	510	470
			1.44		Edge	1710	1360	1050	790	590	520	430	350	860	750	680	610	560	830	730	670	610	550	510	480	440	410
		N3	1.28	1.5	General	1930	1530	1190	900	590	510			930	740	610	530	460	900	720	610	520	450	400	360		
			2.25		Edge	1090	870	670	510	370	330			550	480	430	390	350	530	470	430	390	350	320	300		
		N4	1.90	2.23	General	1300	1030	800	600					620	500				610	490							
			3.35		Edge	730	580	450	340					370	320				360	310							
		N5	2.79	3.29	General	880	700	540																		
			4.93		Edge	500	390	300																		
	Internal	N2	0.82	0.96	General	3020	2400	1860	1400	920	800	670	540	1450	1160	960	830	720	1420	1130	950	820	710	630	570	510	470
			1.44		Edge	1710	1360	1050	790	590	520	430	350	860	750	680	610	560	830	730	670	610	550	510	480	440	410
		N3	1.28	1.5	General	1930	1530	1190	900	590	510			930	740	610	530	460	900	720	610	520	450	400	360		
			2.25		Edge	1090	870	670	510	370	330			550	480	430	390	350	530	470	430	390	350	320	300		
		N4	1.90	2.23	General	1300	1030	800	600					620	500				610	490							
			3.35		Edge	730	580	450	340					370	320				360	310							
		N5	2.79	3.29	General	880	700	540																		
			4.93		Edge	500	390	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

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																				
						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	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	310			
			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	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								

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

TS9675 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	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	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	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							
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	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	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							
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	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	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							
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	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	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							

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

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								
	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								
CUSTOM BLUE ORB® 0.60 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						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								
	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								
	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						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	360	320	470	410								
			4.93		Edge	390	310							340	310			330	300								
SPANDEK® 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								
	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				
	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				
CUSTOM BLUE ORB® 0.60 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				
	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				
	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				
SPANDEK® 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				
	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																				
						Single Span (mm)							Continuous Span (mm)					Lapped Span (mm)								
			Outward	Inward		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	-1410	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	10SO	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																				
						Single Span (mm)							Continuous Span (mm)					Lapped Span (mm)								
			Outward	Inward		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	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						

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.

NON-CYCLONIC REGION - WALL

TS12090 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	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	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
			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								
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
			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								
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
			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								
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
			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								

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

TS12090 Support Thickness = 1.2mm

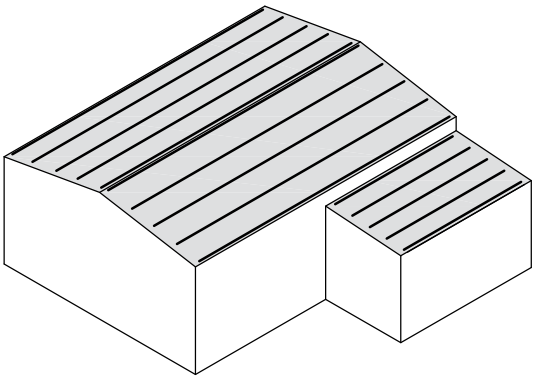
Wall Profile BMT (mm) Fasteners/ Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)																											
						TOPSPAN® Span/Support Spacings																												
						Single Span (mm)										Continuous Span (mm)					Lapped 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	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	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							

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.

5.0 Cyclonic Region - Index

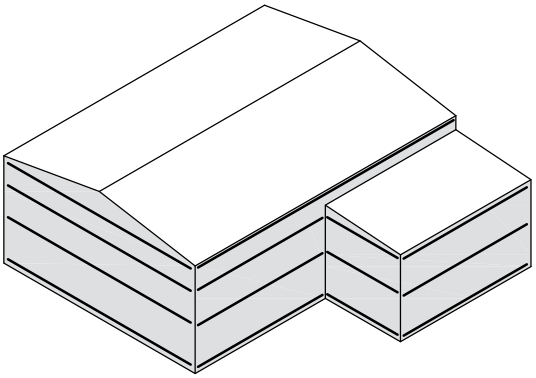
CYCLONIC ROOF

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

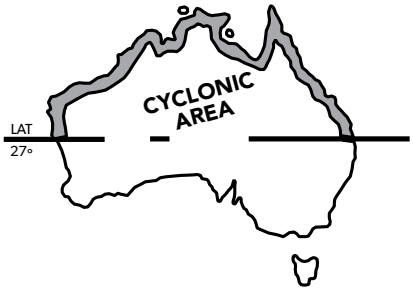
Maximum spacing of TS2242 = 600mm

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 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 4/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 4/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 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														

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 4/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	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 4/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 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	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	1f20	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 4/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 4/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 4/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
		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	
SPANDEK® 0.42 4/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 4/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 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																	
			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 4/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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Australian Standard	Definition
AS 4055:2021	Wind loads for housing

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