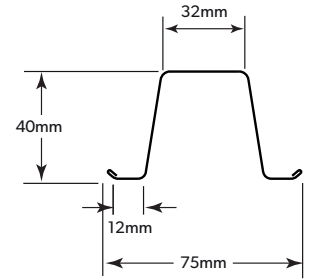


# TOPSPAN® 40

## WALLING APPLICATION

This document is to be read in conjunction with the LYSAGHT TOPSPAN® Quick Selection Guide current at the time of publication.

The information is based on full-scale testing at our NATA-accredited materials science testing laboratory.



### NON-CYCLONIC REGION - WALL

**TS4055 Support Thickness = 0.75mm**

Wall Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)			
			Outward	Inward		Continuous TOPSPAN® Span/Support Spacings	600mm	900mm	1200mm
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	2700	1910	1430	
			1.44		Edge	1570	1040	760	
		N3	1.28	1.5	General	1840	1220	910	
			2.25		Edge	1000	670	480	
		N4	1.90	2.23	General	1230	820	610	
			3.35		Edge	670	450	320	
		N5	2.79	3.29	General	840	550		
			4.93		Edge	450	300		
		Internal	N2	0.82	0.96	General	2700	1910	1430
				1.44		Edge	1570	1040	760
	N3		1.28	1.5	General	1840	1220	910	
			2.25		Edge	1000	670	480	
	N4		1.90	2.23	General	1230	820	610	
			3.35		Edge	670	450	320	
	N5	2.79	3.29	General	840	550			
		4.93		Edge	450	300			
CUSTOM BLUE ORB® 0.60 3/sheet	End	N2	0.82	0.96	General	2870	1910	1430	
			1.44		Edge	1570	1040	760	
		N3	1.28	1.5	General	1840	1220	910	
			2.25		Edge	1000	670	480	
		N4	1.90	2.23	General	1230	820	610	
			3.35		Edge	670	450	320	
		N5	2.79	3.29	General	840	550		
			4.93		Edge	450	300		
		Internal	N2	0.82	0.96	General	2870	1910	1430
				1.44		Edge	1570	1040	760
	N3		1.28	1.5	General	1840	1220	910	
			2.25		Edge	1000	670	480	
	N4		1.90	2.23	General	1230	820	610	
			3.35		Edge	670	450	320	
	N5	2.79	3.29	General	840	550			
		4.93		Edge	450	300			
TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	2870	1910	1430	
			1.44		Edge	1570	1040	760	
		N3	1.28	1.5	General	1840	1220	910	
			2.25		Edge	1000	670	480	
		N4	1.90	2.23	General	1230	820	610	
			3.35		Edge	670	450	320	
		N5	2.79	3.29	General	840	550		
			4.93		Edge	450	300		
		Internal	N2	0.82	0.96	General	2870	1910	1430
				1.44		Edge	1570	1040	760
	N3		1.28	1.5	General	1840	1220	910	
			2.25		Edge	1000	670	480	
	N4		1.90	2.23	General	1230	820	610	
			3.35		Edge	670	450	320	
	N5	2.79	3.29	General	840	550			
		4.93		Edge	450	300			
SPANDEK® 0.42 3/sheet	End	N2	0.82	0.96	General	2870	1910	1430	
			1.44		Edge	1570	1040	760	
		N3	1.28	1.5	General	1840	1220	910	
			2.25		Edge	1000	670	480	
		N4	1.90	2.23	General	1230	820	610	
			3.35		Edge	670	450	320	
		N5	2.79	3.29	General	840	550		
			4.93		Edge	450	300		
		Internal	N2	0.82	0.96	General	2870	1910	1430
				1.44		Edge	1570	1040	760
	N3		1.28	1.5	General	1840	1220	910	
			2.25		Edge	1000	670	480	
	N4		1.90	2.23	General	1230	820	610	
			3.35		Edge	670	450	320	
	N5	2.79	3.29	General	840	550			
		4.93		Edge	450	300			

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 4055 is fastened to 0.75mm thick, G550 steel support with 2 x #10-16x 16 hex head screws to each support.
3. For cladding to TOPSPAN® fixings, refer to Cladding Fasteners table in the TOPSPAN® Quick Selection Guide.

# TOPSPAN® 40

## WALLING APPLICATION

### NON-CYCLONIC REGION - WALL

TS4055 Support Thickness = 1.0 mm

Wall Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)		Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)				
			Outward	Inward		Continuous TOPSPAN® Span/Support Spacings				
						600mm	900mm	1200mm		
CUSTOM ORB® 0.42 3/sheet	End	N2	0.82	0.96	General	2700	2700	2420		
			1.44		Edge	2640	1770	1280		
		N3	1.28	1.5	General	2700	2070	1550		
			2.25		Edge	1690	1130	820		
		N4	1.90	2.23	General	2080	1390	1040		
			3.35		Edge	1130	760	550		
		N5	2.79	3.29	General	1410	940	700		
			4.93		Edge	770	510	370		
		Internal	N2	0.82	0.96	General	2700	2700	2420	
				1.44		Edge	2640	1770	1280	
	N3		1.28	1.5	General	2700	2070	1550		
			2.25		Edge	1690	1130	820		
	N4		1.90	2.23	General	2080	1390	1040		
			3.35		Edge	1130	760	550		
	N5		2.79	3.29	General	1410	940	700		
			4.93		Edge	770	510	370		
	CUSTOM BLUE ORB® 0.60 3/sheet		End	N2	0.82	0.96	General	3300	3230	2420
					1.44		Edge	2640	1770	1280
		N3		1.28	1.5	General	3100	2070	1550	
				2.25		Edge	1690	1130	820	
N4		1.90		2.23	General	2080	1390	1040		
		3.35			Edge	1130	760	550		
N5		2.79		3.29	General	1410	940	700		
		4.93			Edge	770	510	370		
Internal		N2		0.82	0.96	General	3600	3230	2420	
				1.44		Edge	2640	1770	1280	
		N3	1.28	1.5	General	3100	2070	1550		
			2.25		Edge	1690	1130	820		
		N4	1.90	2.23	General	2080	1390	1040		
			3.35		Edge	1130	760	550		
		N5	2.79	3.29	General	1410	940	700		
			4.93		Edge	770	510	370		
		TRIMDEK® 0.42 4/sheet	End	N2	0.82	0.96	General	3000	3000	2420
					1.44		Edge	2640	1770	1280
N3				1.28	1.5	General	3000	2070	1550	
				2.25		Edge	1690	1130	820	
N4	1.90			2.23	General	2080	1390	1040		
	3.35				Edge	1130	760	550		
N5	2.79			3.29	General	1410	940	700		
	4.93				Edge	770	510	370		
Internal	N2			0.82	0.96	General	3000	3000	2420	
				1.44		Edge	2640	1770	1280	
	N3		1.28	1.5	General	3000	2070	1550		
			2.25		Edge	1690	1130	820		
	N4		1.90	2.23	General	2080	1390	1040		
			3.35		Edge	1130	760	550		
	N5		2.79	3.29	General	1410	940	700		
			4.93		Edge	770	510	370		
	SPANDEK® 0.42 3/sheet		End	N2	0.82	0.96	General	3000	3000	2420
					1.44		Edge	2550	1770	1280
N3				1.28	1.5	General	3000	2070	1550	
				2.25		Edge	1690	1130	820	
N4		1.90		2.23	General	2070	1390	1040		
		3.35			Edge	1130	760	550		
N5		2.79		3.29	General	1410	940	700		
		4.93			Edge	770	510	370		
Internal		N2		0.82	0.96	General	3300	3230	2420	
				1.44		Edge	2640	1770	1280	
		N3	1.28	1.5	General	3100	2070	1550		
			2.25		Edge	1690	1130	820		
		N4	1.90	2.23	General	2080	1390	1040		
			3.35		Edge	1130	760	550		
		N5	2.79	3.29	General	1410	940	700		
			4.93		Edge	770	510	370		

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 4055 is fastened to 1.0mm thick, G550 steel support with 2 x #10-16x 16 hex head screws to each support.
3. For cladding to TOPSPAN® fixings, refer to Cladding Fasteners table in the TOPSPAN® Quick Selection Guide.

# TOPSPAN® 40

## WALLING APPLICATION

### CYCLONIC REGION - WALL

TS4075 Support Thickness = 1.0 mm & 1.2 mm

Wall Profile BMT (mm) Fasteners/Sheet	Cladding Span Type	Wind Class	Design Pressure (kPa)	Wall Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)										
					Continuous TOPSPAN® Span/Support Spacings										
					1.0 mm BMT G550 Support					1.2 mm BMT G550 Support					
					600mm	900mm	1200mm	1500mm	1800mm	600mm	900mm	1200mm	1500mm	1800mm	
CUSTOM ORB® 0.42 5/sheet	End	C1	2.03	General	1400	1400	1190	900	610	1400	1400	1190	900	610	
			3	Edge	1200	1190	760	590	400	1200	1200	760	590	400	
		C2	3.01	General	1200	1200	790	600		1200	1200	790	600		
			4.47	Edge	990	800	510	390		990	990	510	390		
		C3	4.44	General	1000	820	540			1000	1000	540			
			6.57	Edge	750	540	340			750	700	340			
	Internal	C1	2.03	General	1780	1780	1190	900	610	1780	1780	1190	900	610	
			3	Edge	1530	1190	760	590	400	1530	1530	760	590	400	
		C2	3.01	General	1520	1220	790	600		1520	1520	790	600		
			4.47	Edge	1190	800	510	390		1210	1030	510	390		
		C3	4.44	General	1210	820	540			1210	1060	540			
			6.57	Edge	810	540	340			830	700	340			
CUSTOM BLUE ORB® 0.60 5/sheet	End	C1	2.03	General	2100	1810	1190	900	610	2100	2100	1190	900	610	
			3	Edge	1780	1190	760	590	400	1860	1530	760	590	400	
		C2	3.01	General	1820	1220	790	600		1850	1560	790	600		
			4.47	Edge	1190	800	510	390		1240	1030	510	390		
		C3	4.44	General	1240	820	540			1250	1060	540			
			6.57	Edge	810	540	340			850	700	340			
	Internal	C1	2.03	General	2070	1810	1190	900	610	2070	2070	1190	900	610	
			3	Edge	1780	1190	760	590	400	1860	1530	760	590	400	
		C2	3.01	General	1820	1220	790	600		1850	1560	790	600		
			4.47	Edge	1190	800	510	390		1240	1030	510	390		
		C3	4.44	General	1240	820	540			1250	1060	540			
			6.57	Edge	810	540	340			850	700	340			
TRIMDEK® 0.42 4/sheet	End	C1	2.03	General	1460	1460	1190	900	610	1460	1460	1190	900	610	
			3	Edge	1190	1190	760	590	400	1190	1190	760	590	400	
		C2	3.01	General	1180	1180	790	600		1180	1180	790	600		
			4.47	Edge	860	800	510	390		860	860	510	390		
		C3	4.44	General											
			6.57	Edge											
	Internal	C1	2.03	General	1760	1760	1190	900	610	1760	1760	1190	900	610	
			3	Edge	1430	1190	760	590	400	1430	1430	760	590	400	
		C2	3.01	General	1430	1220	790	600		1430	1430	790	600		
			4.47	Edge	990	800	510	390		990	990	510	390		
		C3	4.44	General	1000	820	540			1000	1000	540			
			6.57	Edge	680	540	340			680	680	340			
SPANDEK® 0.42 4/sheet	End	C1	2.03	General	1280	1280	1190	900	610	1280	1280	1190	900	610	
			3	Edge	900	900	760	590	400	900	900	760	590	400	
		C2	3.01	General											
			4.47	Edge											
		C3	4.44	General											
			6.57	Edge											
	Internal	C1	2.03	General	1650	1650	1190	900	610	1650	1650	1190	900	610	
			3	Edge	1210	1190	760	590	400	1210	1210	760	590	400	
		C2	3.01	General	1200	1200	790	600		1200	1200	790	600		
			4.47	Edge	760	760	510	390		760	760	510	390		
		C3	4.44	General											
			6.57	Edge											

NOTES:

1. Refer to General Notes for design parameters and cladding fastener specification.
2. TOPSPAN® 4075 is fastened to 1.0mm thick G550 steel support with 2x M6.5-12 x30 hex head screws to each support.
3. TOPSPAN® 4075 is fastened to 1.2mm thick G550 steel support with 2 x #14 -10x25 hex head screws to each support.
4. For cladding to TOPSPAN® fixings refer to Cladding Fasteners table in the TOPSPAN® Quick Selection Guide.

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