

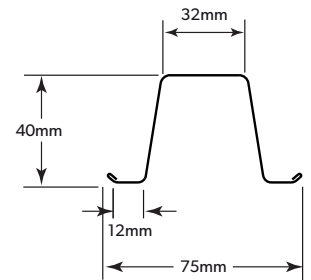
# TOPSPAN® 40

## ROOFING APPLICATIONS NON-CYCLONIC

Concealed fixed roof

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 - ROOF

TS4055 Support Thickness = 0.75 mm & 1.0 mm

Roof Profile BMT (mm)	Roof Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)					
						Continuous TOPSPAN® Span/Support Spacings					
			Outward	Inward		0.75 mm BMT G550 Support (mm)			1.0 mm BMT G550 Support (mm)		
					600	900	1200	600	900	1200	
KLIP-LOK 700 HI-STRENGTH® 0.42	End	N2	1.06	0.67	General	1750	1470	1100	1750	1750	1690
			1.92		Edge	1220	810	600	1750	1370	1030
		N3	1.65	1.05	General	1420	940	700	1750	1600	1200
			3.00		Edge	780	520	390	1320	880	660
	Internal	N2	1.06	0.67	General	2200	1470	1100	2200	2200	1800
			1.92		Edge	1220	810	600	2060	1370	1030
		N3	1.65	1.05	General	1420	940	700	2200	1600	1200
			3.00		Edge	780	520	390	1320	880	660
KLIP-LOK 700 HI-STRENGTH® 0.48	End	N2	1.06	0.67	General	2220	1470	1100	2350	2350	1800
			1.92		Edge	1220	810	600	2060	1370	1030
		N3	1.65	1.05	General	1420	940	700	2350	1600	1200
			3.00		Edge	780	520	390	1320	880	660
	Internal	N2	1.06	0.67	General	2220	1470	1100	2800	2500	1800
			1.92		Edge	1220	810	600	2060	1370	1030
		N3	1.65	1.05	General	1420	940	700	2400	1600	1200
			3.00		Edge	780	520	390	1320	880	660

NOTES:

1. When clip-fixed cladding is fixed to closely spaced TOPSPAN® profiles additional attention should be given during installation to minimise alignment issues.
2. Alignment issues can lead to other matters to address such as marking or potential of thermally induced roof noise.
3. For thermal induced noise matters reference should be made to the LYSAGHT® Roofing and Walling Installation Manual, Section 5.3
4. Refer to general notes for design parameters.
5. TOPSPAN® 4055 fastened to 0.75 mm and 1.0 mm thick steel support with 2, #10-16x16 hex head screws to each support.

# TOPSPAN® 40

## ROOFING APPLICATIONS NON-CYCLONIC

### NON-CYCLONIC REGION - ROOF

TS4055 Support Thickness = 1.2 mm & 1.5 mm

Roof Profile BMT (mm)	Roof Span Type	Wind Class	Design Pressure (kPa)		Roof Location	Maximum TOPSPAN® Spacing/Cladding Span (mm)					
						Continuous TOPSPAN® Span/Support Spacings					
			Outward	Inward		1.2 mm BMT G550 Support (mm)			1.5 mm BMT G550 Support (mm)		
					600	900	1200	600	900	1200	
KLIP-LOK 700 HI-STRENGTH® 0.42	End	N2	1.06	0.67	General	1750	1750	1690	1750	1750	1690
			1.92		Edge	1750	1750	1130	1750	1750	1130
		N3	1.65	1.05	General	1750	1750	1320	1750	1750	1320
			3.00		Edge	1540	1270	720	1540	1270	720
	Internal	N2	1.06	0.67	General	2200	2200	1960	2200	2200	1960
			1.92		Edge	2200	1990	1130	2200	1990	1130
		N3	1.65	1.05	General	2200	2200	1320	2200	2200	1320
			3.00		Edge	1540	1270	720	1540	1270	720
KLIP-LOK 700 HI-STRENGTH® 0.48	End	N2	1.06	0.67	General	2350	2350	1960	2350	2350	1960
			1.92		Edge	2350	1990	1130	2350	1990	1130
		N3	1.65	1.05	General	2350	2320	1320	2350	2320	1320
			3.00		Edge	1540	1270	720	1540	1270	720
	Internal	N2	1.06	0.67	General	2800	2800	1960	2800	2800	1960
			1.92		Edge	2410	1990	1130	2410	1990	1130
		N3	1.65	1.05	General	2800	2320	1320	2800	2320	1320
			3.00		Edge	1540	1270	720	1540	1270	720

NOTES:

1. When clip-fixed cladding is fixed to closely spaced TOPSPAN® profiles additional attention should be given during installation to minimise alignment issues.
2. Alignment issues can lead to other matters to address such as marking or potential of thermally induced roof noise.
3. For thermal induced noise matters reference should be made to the LYSAGHT® Roofing and Walling Installation Manual, Section 5.3.
4. Maximum TOPSPAN® spacing for 1.5mm thick support can be used for hardwood/softwood supports.
5. Refer to general notes for design parameters.
6. TOPSPAN® 4055 is fastened to 1.2 mm and 1.5 mm thick steel support with 2, 12-14 x20 Hex head screws to each support.

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LYT0128 01.03.19