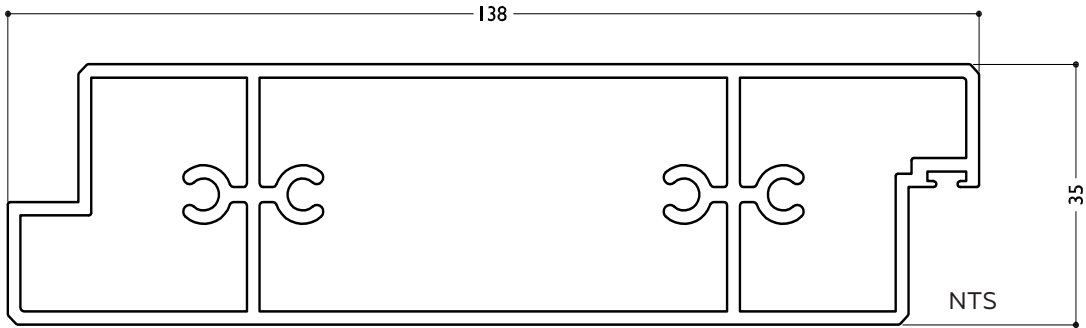


SUN LOUVRES SPIRAL PIVOT



BLADE SPECIFICATIONS 135MM HI-SPAN BALUSTRADE LOUVRES  
(NOTE ACTUAL BLADE WIDTH 138MM)



BLADE SPECIFICATIONS			
Blade cover – opening system	130 mm	Weight per linear metre – opening system	2.16 kg/lm
Weight per square metre – opening system	16.4 kg/sqm	Actual blade width	138 mm
Blade centres – opening system	130 mm		

SPANS AT A GLANCE NB:

Refer Engineering Section. Climate, terrain, shielding, location, type of structure contribute to determine spans.

WIND ZONE	INSIDE	LOW	MEDIUM	HIGH	VERY HIGH	EXTRA HIGH
Factored wind speed at building		32 m/s 115 km/hr	37m/s 133 km/hr	44 m/s 158 km/hr	50 m/s 179 km/hr	55 m/s 198 km/hr
Ultimate limit state loads (kPa)		+0.92 & -1.15	+1.23 & -1.53	+1.74 & -2.17	+2.24 & -2.80	+2.71 & -3.39
Adjustable and Fixed – Horizontal and Vertical	4850	4400	4400	4100	3700	3500
Adjustable and Fixed -Balustrade	3000	3000	3000	3000	3000	3000

INSTALLATION OPTIONS



SPIRAL PIVOT SYSTEM: CALCULATE  
OPTIMUM FRAME OPENING SIZES

Width: Check engineering limits

Height: Calculation example showing 17 blades

STEP 1

16 blades x 130	2080
1 blade at 150	138
17 blades	=2218

STEP 2

Blade cover	2218
+ top and bottom closing angles allow for 5mm + 5mm	10
Total exact opening height =	2228*

\*This is inside measure – not outer frame size

TECHNICAL DETAILS BALUSTRADES  
NZ AND AUSTRALIAN  
COMPLIANCE REQUIREMENTS

This is a general guideline outlining some key requirements as at the time of printing. Please confirm all details with your local regulatory authority prior to balustrade installation.

1. A barrier is required when someone could fall vertically 1m or more.
2. Balustrade or barrier must be 1m high and of adequate strength to cope with people pressing against it.
3. Ensure nowhere on the balustrade a child can get a foot hold between 150mm & 750mm above the deck surface to climb over the balustrade or fall through.
4. In NZ the maximum opening between balustrade verticals is 100mm.
5. In Australia the maximum opening between balustrade verticals is 125mm.