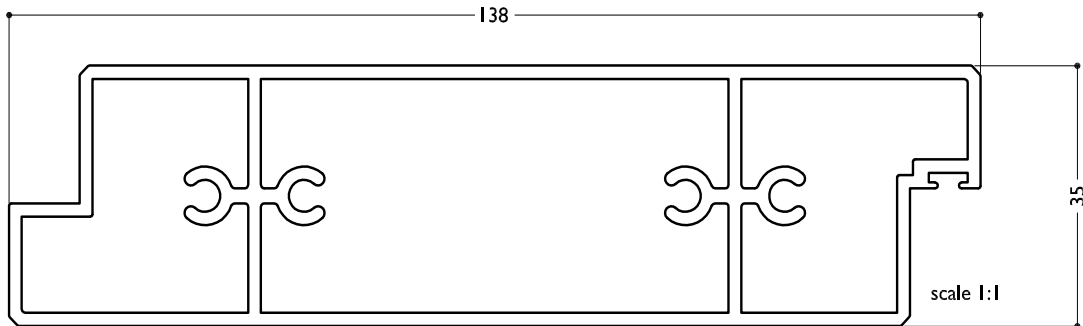




TECHNICAL DETAILS 135MM HI-SPAN BALUSTRADE LOUVRES (NOTE ACTUAL BLADE WIDTH 138MM)



BLADE SPECIFICATIONS			
Blade cover - opening system	130 mm	Weight per lineal metre	2.16 kgm/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		32m/s 115km/hr	37m/s 133km/hr	44m/s 158km/hr	50m/s 179km/hr	55m/s 198km/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

Heigh: Calculation example showing 17 blades

STEP 1

16 blades x 130	2080
1 blade at 138	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.



END FIXED

Louvres at any pitch

Louvres at any centre