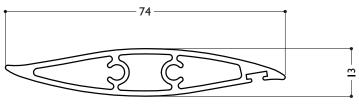
SUN LOUVRES - AIRFOIL OVERVIEW

TECHNICAL DETAILS 70MM KISS PIVOT MINI LOUVRE





scale 1:1

BLADE SPECIFICATIONS			
Blade cover - opening system	64 mm	Weight per lineal metre	0.716 kg/lm
Weight per square metre - opening system	10 kg/sqm	Actual blade width	74 mm
Blade Centres - opening system	64 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	Self wt	32 m/s 115 km/hr	37 m/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 & vertical	2050	1900	1700	1500	1400	1300

INSTALLATION OPTIONS



KISS PIVOT: CALCULATE OPTIMUM FRAME OPENING SIZES

Width: Check engineering limits Height: Calculation example showing 17 blades

STEP I					
l 6 blades x 64	1024				
I blade at 74	74				
17 blades	=1098				
STEP 2					
Blade cover	1098				
+ top and bottom closing					
angles allow for					
16mm + 16mm	32				
Total exact opening height $=1130^{*}$					
*This is inside measure - not outer frame size.					



END FIXED Louvres at any pitch Louvres at any centre



BRACKET FIXED Louvres at any pitch Louvres at any centre