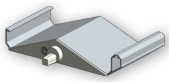
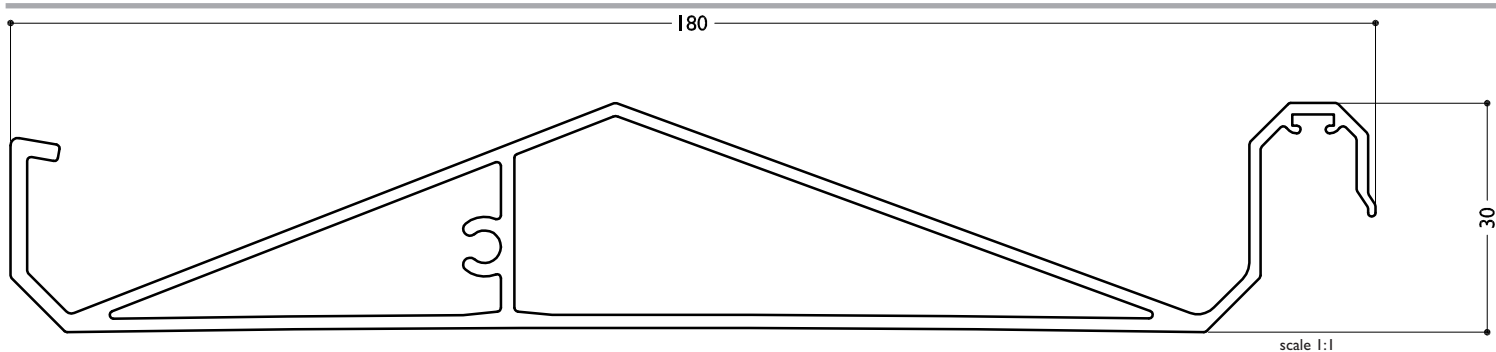


OPENING ROOFS SPECIFICATIONS



TECHNICAL DETAILS 180 LINEAR ROOF



BLADE SPECIFICATIONS			
Blade cover - opening system	169 mm	Weight per lineal metre - opening system	1.84 kg/lm
Weight per square metre - opening system	11 kg/sqm	Actual blade width	180 mm
Blade centres - opening system	169 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	32m/s 115 km/hr	37m/s 133 km/hr	44m/s 158 km/hr	50m/s 179 km/hr	55m/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
180 Linear Opening Roof	3900	3750	3400	3000	2700	2450

INSTALLATION OPTIONS



CALCULATE OPTIMUM FRAME OPENING SIZES FOR SPIRAL PIVOT

Span: Check engineering span limits

Pivot: Calculation example showing 17 blades

STEP 1

16 blades x 169 Crs	2704
1 blade at 180 (blade size)+	180
17 blades	=2884

STEP 2

Blade cover	2884
+2/22mm clearance @ ends =	44
Total exact pivot length	=2928

Extra width 185mm gutter provides cover if clearance

increases over 22mm at ends

Blade direction either Right Hand up or Left Hand up.

CHOOSE DIRECTION OF BLADE PIVOT

