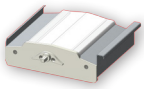
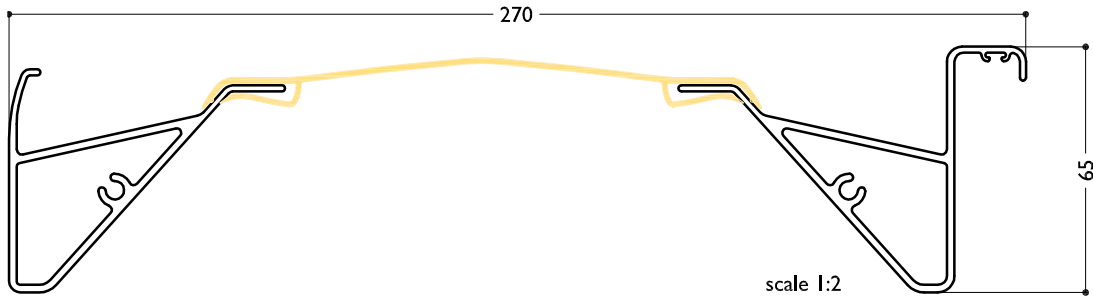


OPENING ROOFS SPECIFICATIONS



TECHNICAL DETAILS 260 TRANSLUCENT ROOF



BLADE SPECIFICATIONS			
Blade cover - opening system	256 mm	Weight per lineal metre - opening system	2.4 kg/lm
Weight per square metre - opening system	9.4 kg/sqm	Actual blade width	270 mm
Blade centres - opening system	256 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
260 Translucent Opening Roof	4000	3600	3450	3250	3050	2750

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 256 Crs 4096
 1 blade at 270 (blade size)+ 270
 17 blades =4366

STEP 2
 Blade cover 4366
 +2/22mm clearance @ ends = 44
 Total exact pivot length =4410
 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

