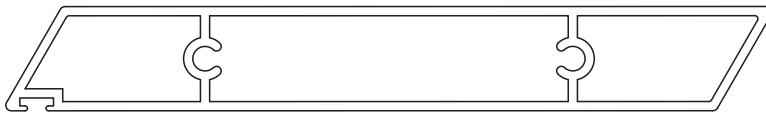


TECHNICAL DETAILS // 125 LOUVRELINE WEATHERBOARD PANEL - CENTRE OF BLADE PIVOT



BLADE SPECIFICATIONS

- // Blade cover - opening system _____ 115 mm
- // Weight per square metre - opening system _____ 12 kg/sqm
- // Blade centres - opening system _____ 115 mm
- // Weight per lineal metre _____ 1.33 kgm
- // Actual blade width _____ 125 mm

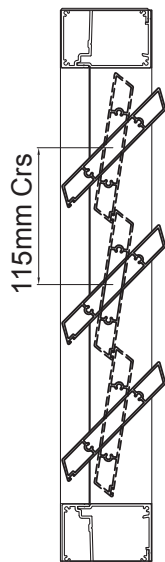
SPANS AT A GLANCE

Important: Refer to section 12 for engineering details. Factors such as climate, terrain, shielding, location, type of structure all contribute to determine spans.

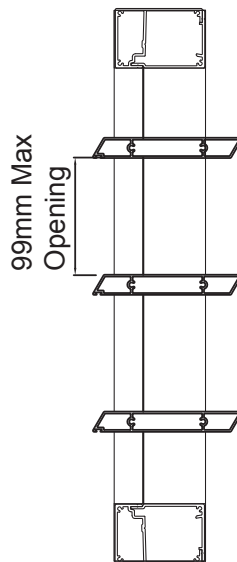
WIND ZONE	INSIDE	LOW	MED	HIGH	VERY HIGH
Factored wind speed at building	Self wt	32m/s-115km/h	37m/s-133km/h	44m/s-158km/h	50m/s-179km/h
Ultimate limit state loads (kPa)		+1.1 & -1.38	+1.48 & -1.85	+2.09 & -2.61	+2.70 & -3.38
125 Weatherboard Panel - Max	3100	2900	2700	2500	2300

INSTALLATION OPTIONS

Note: When rear pivot panels are over 2000mm in blade span, a connecting rod is required.



125 Louvreline Weatherboard
Section view, 45°



125 Louvreline Weatherboard
Section view, 90°

FRAME BOTH SIDES ONLY

Span: Check Engineering Limits

Pivot: Example Calculation showing - 17 Blades

Step 1 16 blades x 115 (CRS) = 1840
 1 blade @ 125 (Blade Size) + 125
 17 blades in total = 1965

Step 2 Blade Cover = 1965
 +2/5mm Clearance @ ends = 10
 Total exact pivot length = 1975mm

FRAME FOUR SIDES

Total Pivot Length Including frame
 Opening Length = 1975
 + 2 x 50mm Frame @ Ends = 100
 Total exact pivot length with frame four sides = 2075mm