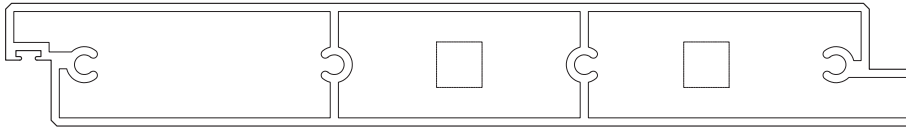


**TECHNICAL DETAILS // 200 LOUVRELINE FLUSH PANEL -  
REAR & CENTRE OF BLADE PIVOT**



**BLADE SPECIFICATIONS**

- // Blade cover - opening system \_\_\_\_\_ 192 mm      // Weight per lineal metre \_\_\_\_\_ 2.67 kgm
- // Weight per square metre - opening system \_\_\_\_\_ 13.95 kg/sqm      // Actual blade width \_\_\_\_\_ 200 mm
- // Blade centres - opening system \_\_\_\_\_ 192 mm

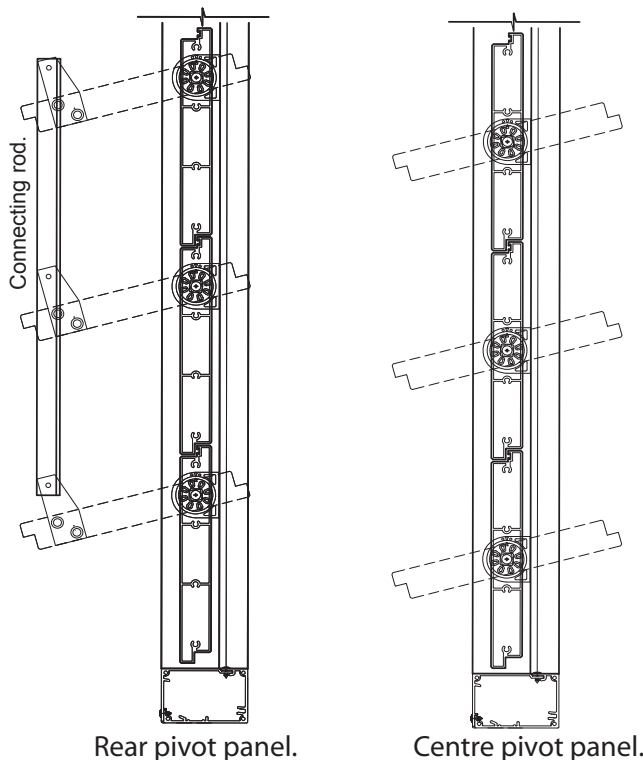
**SPANS AT A GLANCE**

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
200 Louvre Line Panel - Max	4700	4450	4050	3500	3100

Note: Rear of blade pivot option for vertical louvres only

**INSTALLATION OPTIONS**



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

**FRAME BOTH SIDES ONLY**

**Span:** Check Engineering Limits

**Pivot:** Example Calculation showing - 17 Blades

$$\begin{aligned}
 \text{Step 1} \quad & 16 \text{ blades} \times 192 \text{ (CRS)} && = 3072 \\
 & \underline{1 \text{ blade @ } 200 \text{ (Blade Size)} + 200} && \\
 & 17 \text{ blades in total} && = 3272
 \end{aligned}$$

$$\begin{aligned}
 \text{Step 2} \quad & \text{Blade Cover} && 3272 \\
 & \underline{+2/5\text{mm Clearance @ ends}} && = 10 \\
 & \text{Total exact pivot length} && = 3282\text{mm}
 \end{aligned}$$

**FRAME FOUR SIDES**

**Total Pivot Length Including frame**

$$\begin{aligned}
 & \text{Opening Length} && = 3282 \\
 & \underline{+ 2 \times 50\text{mm Frame @ Ends}} && = 100 \\
 & \text{Total exact pivot length with frame} && \\
 & \text{four sides} && = 3382\text{mm}
 \end{aligned}$$