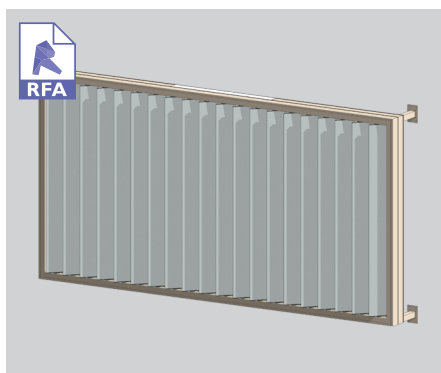


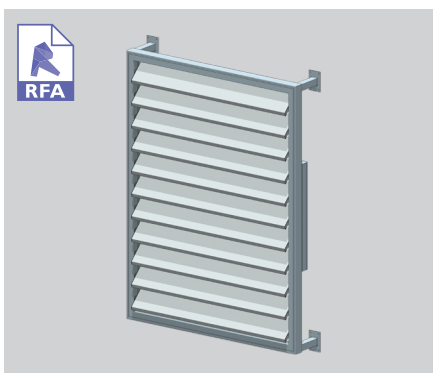
180MM WEATHERBOARD PANEL

wall panel / sun louvre / balustrade

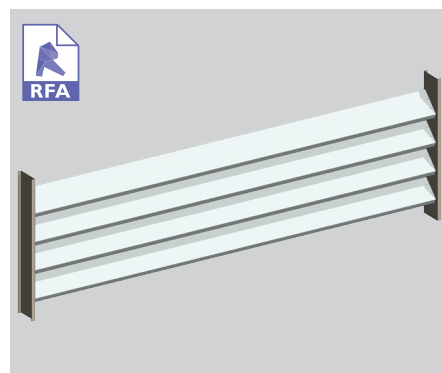
The 125mm and 180mm Weatherboard louvre panels provide a similar function with an alternative look to the Louvreline Flush panel louvres. Available as Spiral Pivot motorised, hand operable, end or bracket fixed. The blades can run vertically or horizontally with each blade closing on to a recessed woolpile strip which eliminates metal to metal contact. When closed the mitred ends of the blades present a classic weatherboard panel effect. The triple box section design ensures strength and great spanning characteristics.



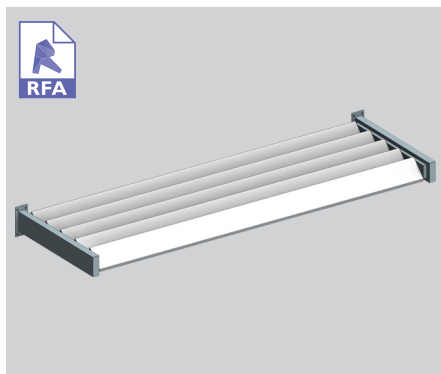
SUPER ELAM STREET FRAME WITH SUB-FRAME
-VERTICAL MOTORISED



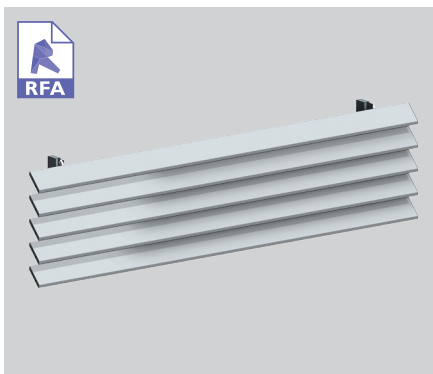
ELAM STREET FRAME - HORIZONTAL MOTORISED



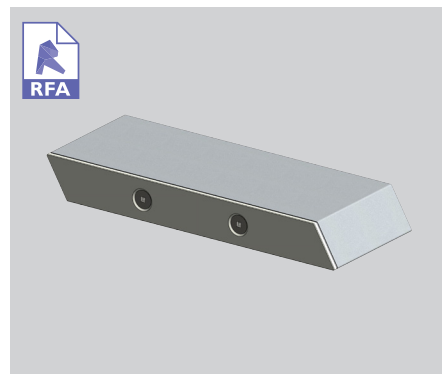
END FIXED - VERTICAL PANEL



END FIXED -OVERHEAD PANEL



BRACKET FIXED - VERTICAL PANEL



180 WEATHERBOARD PANEL

SURFACE COATINGS

A wide range of options are available.



ANODISED



WOOD FINISH



POWDERCOATED

OPERATING THIS SUN LOUVRE - THE CHOICE IS YOURS

Fixed options

Operable systems

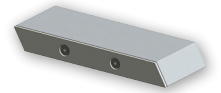
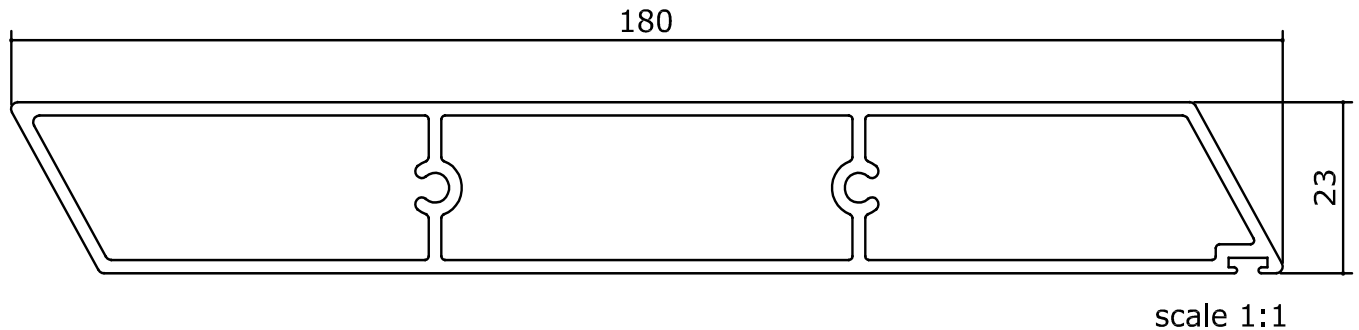


LOUVRETEC
GEARBOX



HOME MOTION by
somfy

MOTORS AND SENSORS

**TECHNICAL DETAILS** 180MM WEATHERBOARD PANEL

BLADE SPECIFICATIONS			
Blade cover - opening system	169 mm	Weight per lineal metre	2.12 kg/lm
Weight per square metre - opening system	13 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		32m/s 115km/hr	37m/s 133km/hr	44m/s 158km/hr	50m/s 179km/hr	55m/s 198km/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 and Vertical	3200	3050	2800	2500	2300	2100

INSTALLATION OPTIONS**SPIRAL PIVOT SYSTEM: CALCULATE OPTIMUM FRAME OPENING SIZES**

Width: Check engineering limits

Height: Calculation example showing 17 blades

STEP 1

16 blades x 169	2704
1 blade at 180	180
17 blades	=2884

STEP 2

Blade cover	2884
+ top and bottom closing angles allow for	
5mm + 5mm	10
Total exact opening height	=2894*

*This is inside measure - not outer frame size.

**END FIXED**

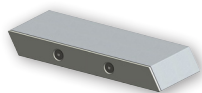
Louvres at any pitch

Louvres at any centre

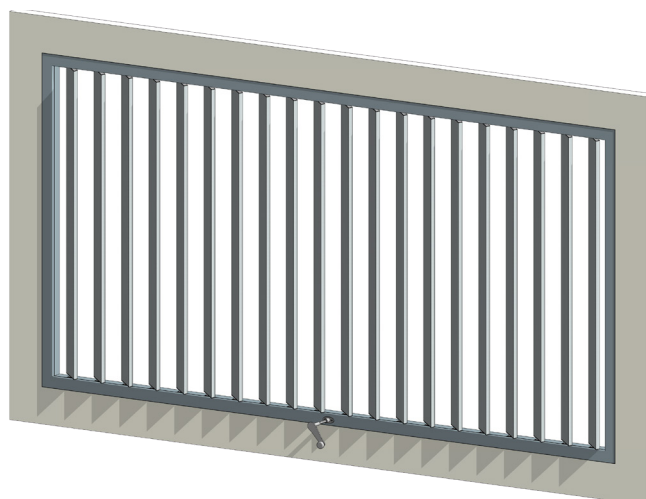
**BRACKET FIXED**

Louvres at any pitch

Louvres at any centre

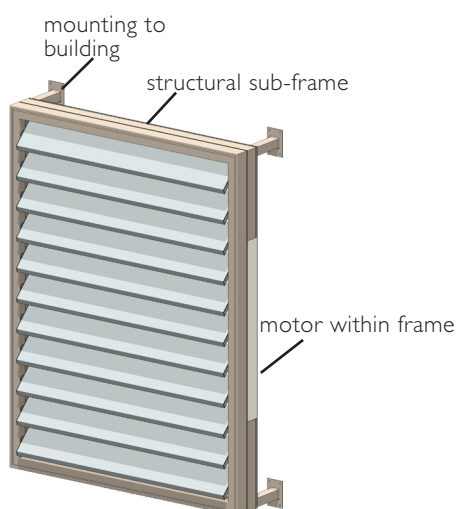


TYPICAL DETAIL 3D FILE | 180MM WEATHERBOARD PANEL - SPIRAL PIVOT MOTORISED AND HAND OPERABLE VERTICAL PANEL WITH CENTRE PIVOT

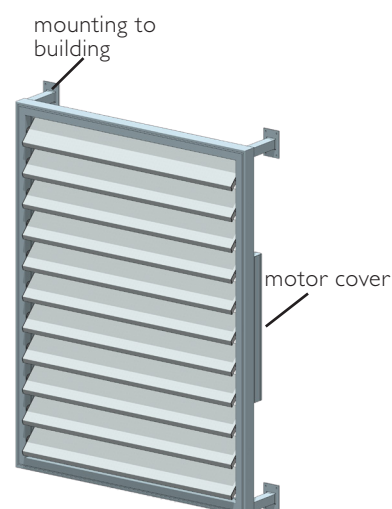


Hand operable vertical panel.

TYPICAL DETAIL 3D FILE | 180MM WEATHERBOARD - HORIZONTAL PANEL WITH CENTRE PIVOT IN ELAM STREET STRUCTURAL FRAMES



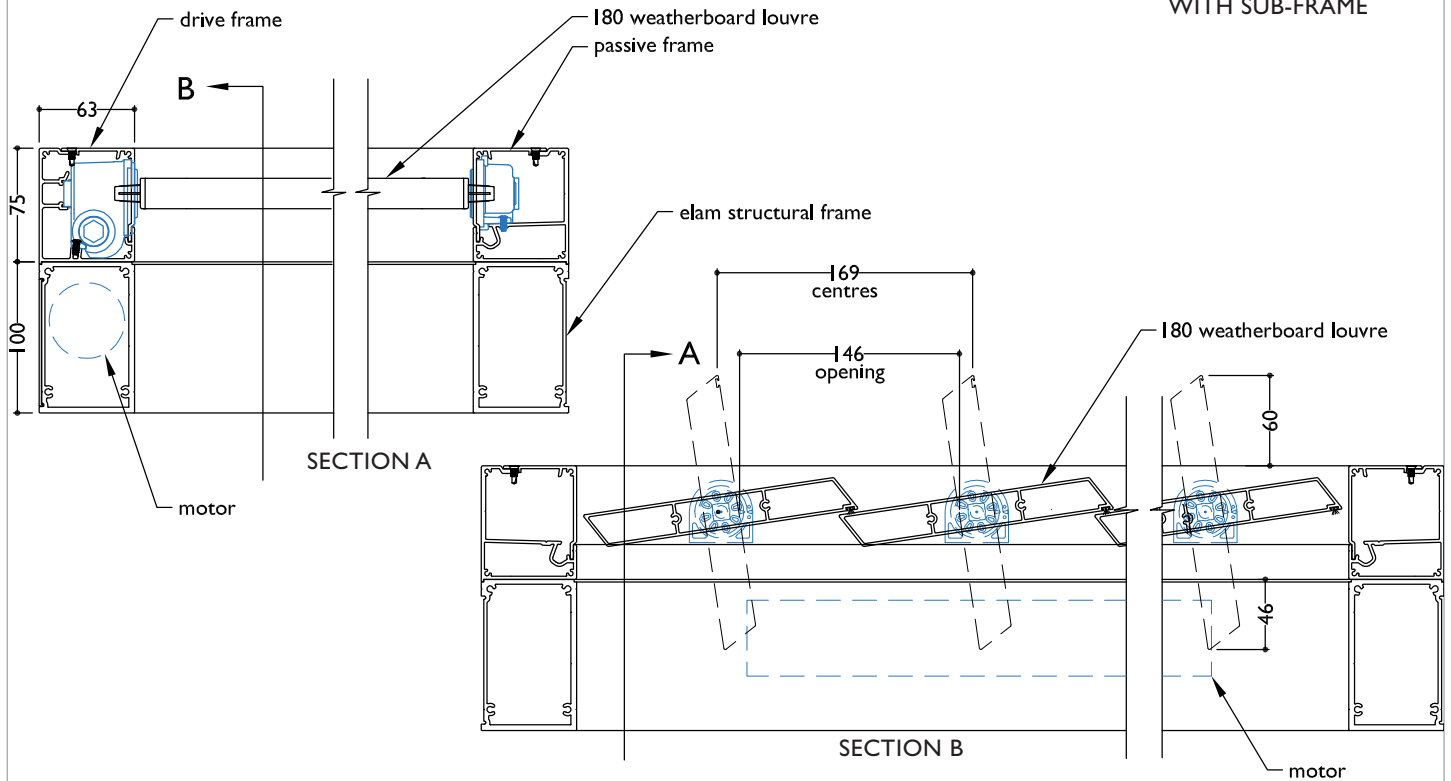
Super Elam Street with sub-frame - vertical panel horizontal blades.



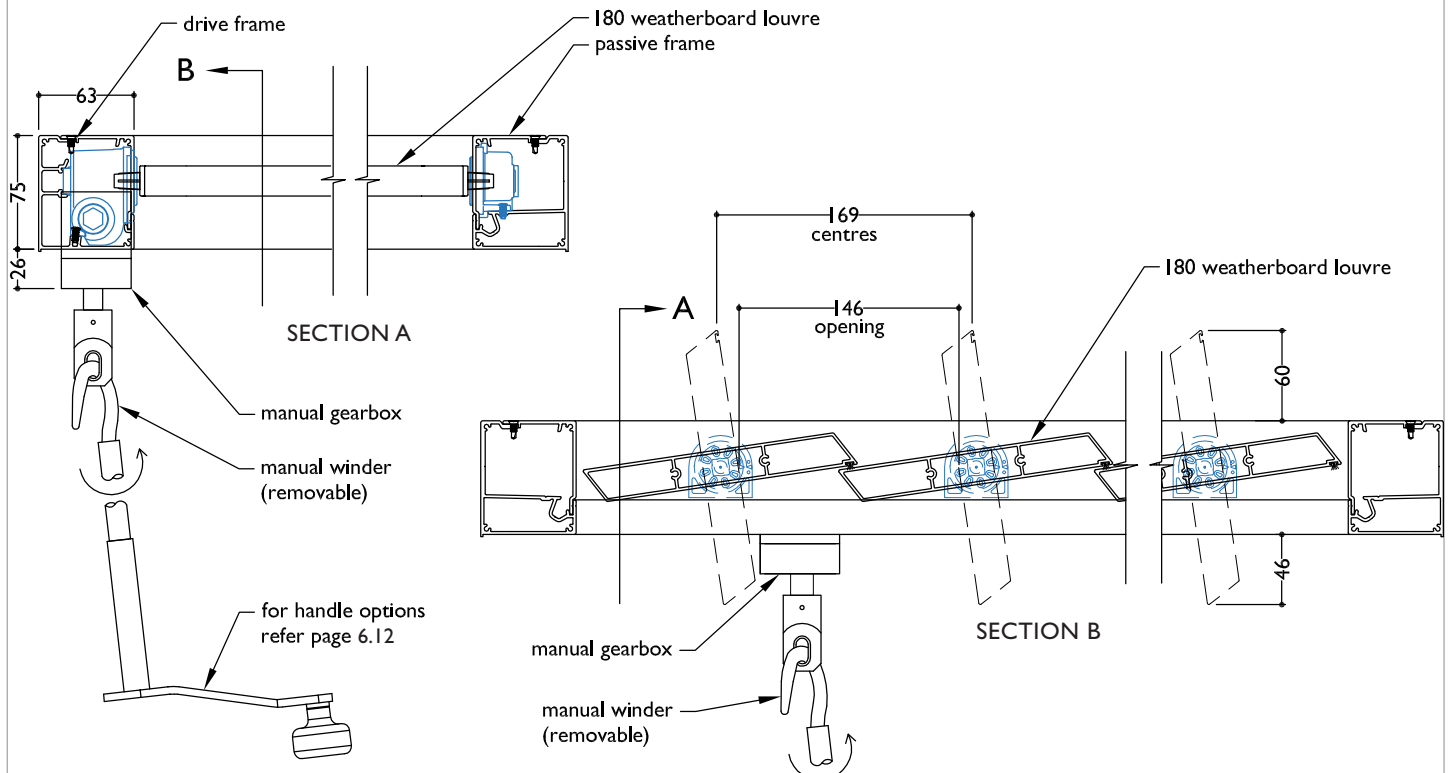
Elam Street vertical panel, horizontal blades.

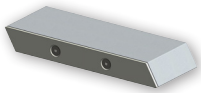
TYPICAL DETAIL : 180 WEATHERBOARD LOUVRE - MOTORISED AND HAND OPERABLE

SECTION - MOTORISED 180 WEATHERBOARD LOUVRE SPIRAL PIVOT ON ELAM STRUCTURAL FRAME WITH SUB-FRAME



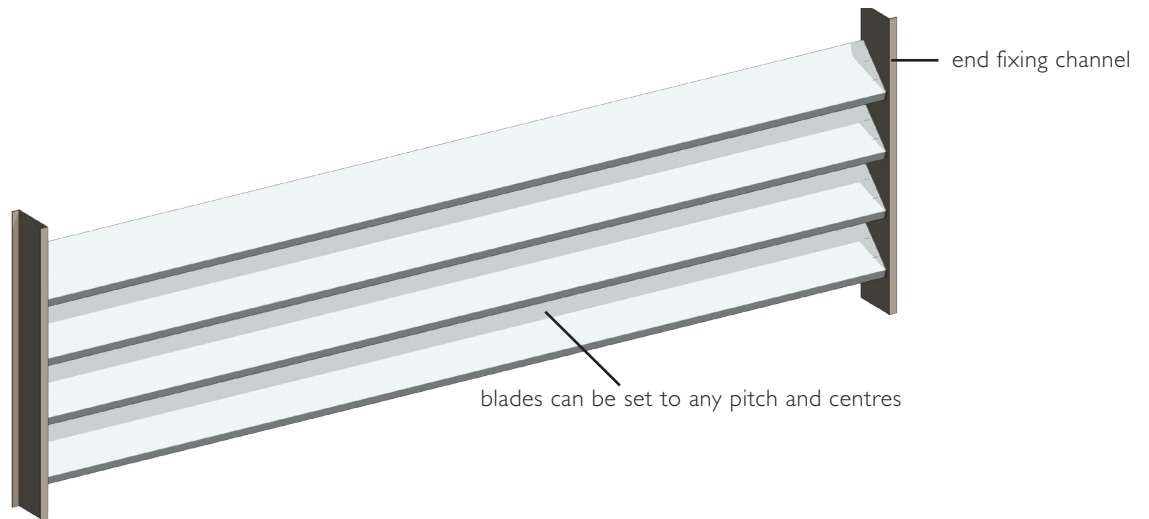
SECTION - MANUALLY OPERABLE 180 WEATHERBOARD LOUVRE SPIRAL PIVOT





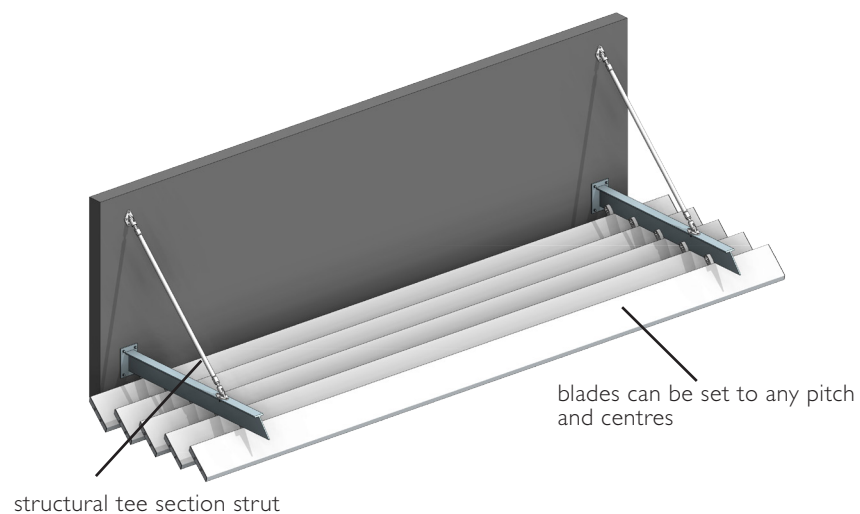
PRODUCT DETAILS 180MM WEATHERBOARD PANEL

TYPICAL DETAIL 3D FILE 180MM WEATHERBOARD END FIXED



End fixed vertical panel.

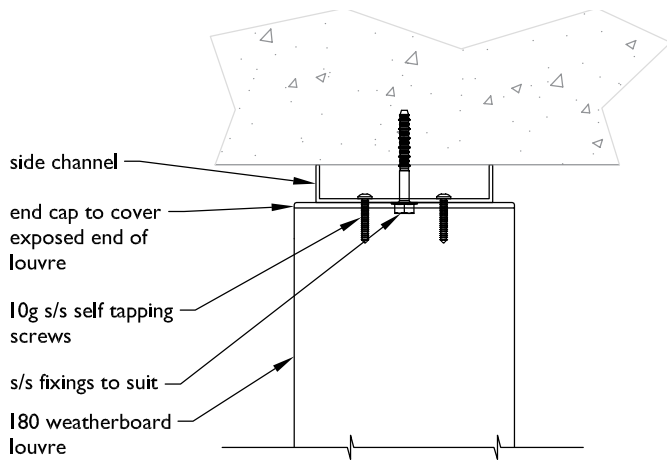
TYPICAL DETAIL 3D FILE 180MM WEATHERBOARD BRACKET FIXED



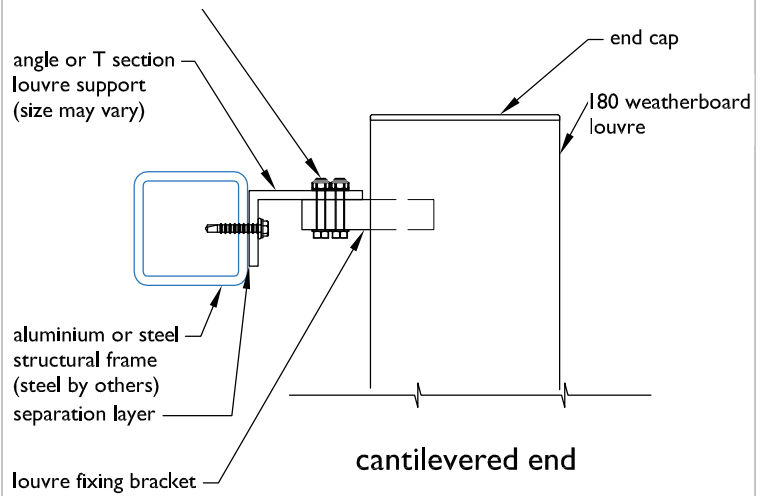
Bracket fixed overhead panel

TYPICAL DETAIL : 180MM WEATHERBOARD PANEL - END FIXED AND BRACKET FIXED

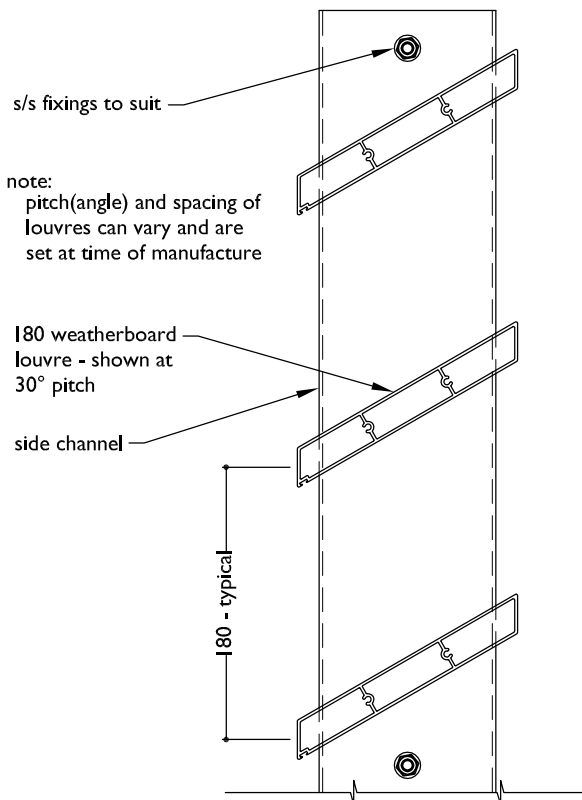
PLAN - END FIXED
180 WEATHERBOARD LOUVRE



PLAN - BRACKET FIXED
180 WEATHERBOARD LOUVRE



SECTION - END FIXED
180 WEATHERBOARD LOUVRE



SECTION - BRACKET FIXED
180 WEATHERBOARD LOUVRE

