

sun louvres

By Louvretec



BRACKET FIXED SUN LOUVRES

Gallery and Overview	10.5.02 - 10.5.03
Bracket Fixed Vertical Louvre Infills	10.5.04
Bracket Fixed Overhead Louvre Panels	10.5.05
Corner Mitres	10.5.06
Support Brackets	10.5.07 - 10.5.08
Louvre range overview	10.5.10 - 10.5.11
Group 1 Louvres: 90mm Midi	10.5.12 - 10.5.16
Group 2 Louvres: 120mm, 180mm Airfoils & 150mm Midi Louvre	10.5.17 - 10.5.22
Group 3 Louvres: 200mm Maxi Louvre	10.5.23 - 10.5.25
Group 4 Louvres: 300mm Maxi Louvre	10.5.26 - 10.5.28
Group 5 Louvres: 125, 180mm Weatherboard & 150mm Helena Bay Louvre	10.5.29 - 10.5.32
Group 6 Louvres: 600mm Maxi Louvre	10.5.33 - 10.5.34
Group 7 Louvres: RL300, RL450, RL600 Square & Mitred Louvres	10.5.35 - 10.5.40
Bracket Fixed Chimney Surrounds	10.5.41 - 10.5.42

SUN LOUVRES BRACKET FIXED GALLERY



1. BRACKET FIXED 120MM AIRFOIL LOUVRES 2. BRACKET FIXED RL300 MITRE LOUVRES 3. BRACKET FIXED 150MM MIDI LOUVRES

APPLICATION OVERVIEW BRACKET FIXED OPTIONS FOR SUN LOUVRES

BRACKET FIXED SUN LOUVRES

Fix blades Vertically or Horizontally

All Louvretec Sun Louvres can be Bracket Fixed using Louvretec's proprietary Bracket Fixing Systems. Die cast or extruded brackets are custom manufactured site specific, enabling the louvre blades to be set at any pitch or to any centres.

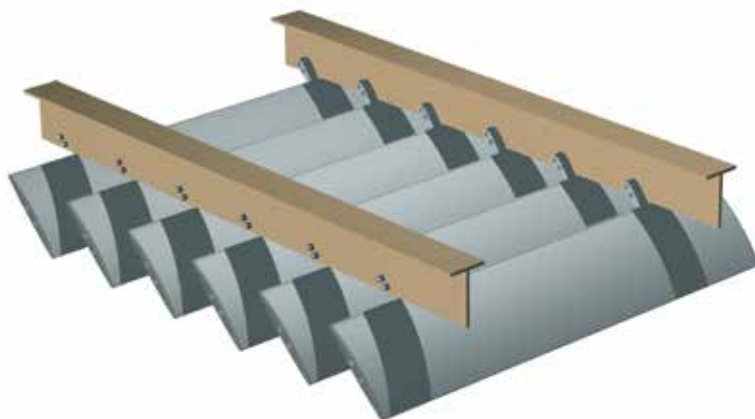


VERTICAL PANEL BRACKET FIXED - HORIZONTAL LOUVRES

VERTICAL PANELS BRACKET FIXED - HORIZONTAL LOUVRES

All Louvretec Airfoil and Maxi Louvres can be Bracket Fixed, with the blades:

- set at any angle
- set at any centre (blade centre)



OVERHEAD PANEL BRACKET FIXED - HORIZONTAL LOUVRES

OVERHEAD PANELS BRACKET FIXED - HORIZONTAL LOUVRES

Overhead (Horizontal) louvres may fit above an existing opening, or as illustrated may require a specific structural sub frame.

Sub frames are typically aluminium or steel and usually require specific engineering details.

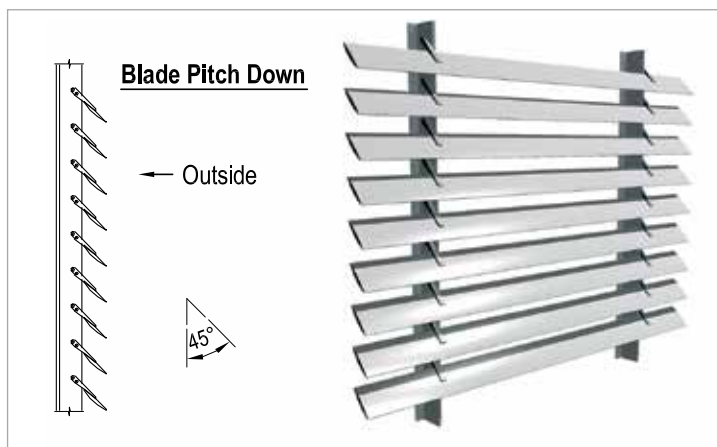
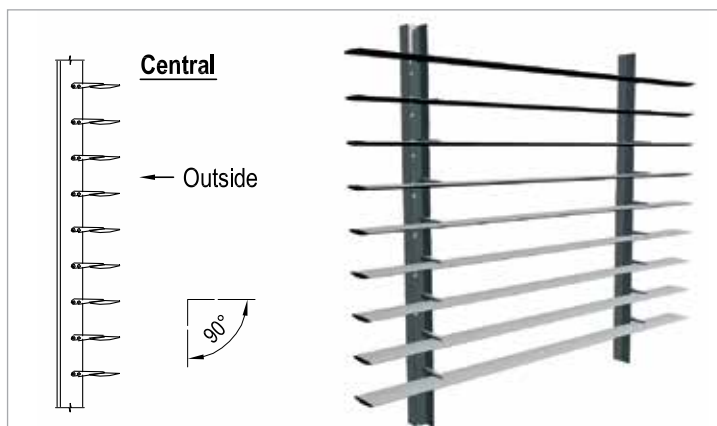
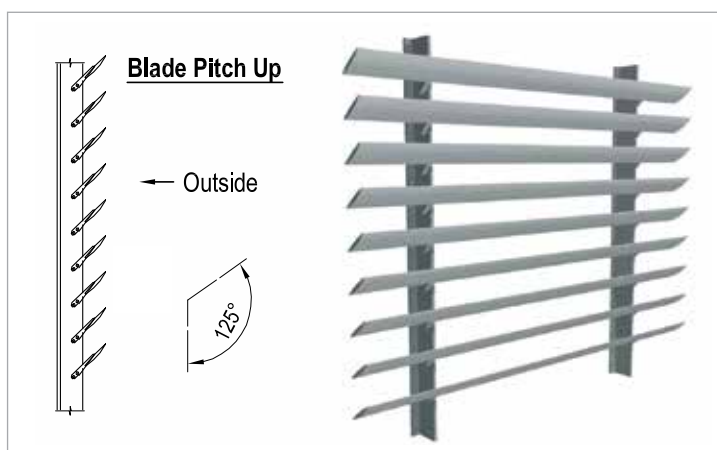
Louvretec specialises in the supply and installation of aluminium structural sub frames.

Please contact Louvretec for further details.

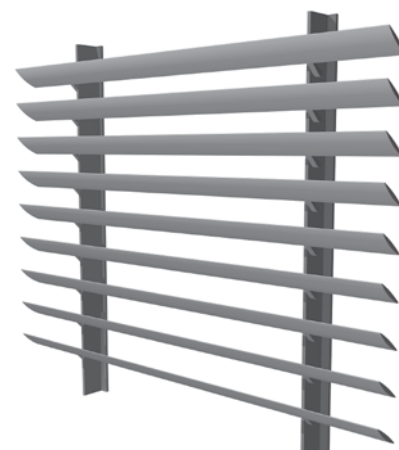
HOW THE VERTICAL SYSTEM WORKS

Bracket fixing

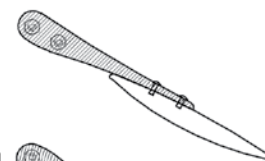
- Blades can be set to any pitch or centre
- Three typical options shown below;



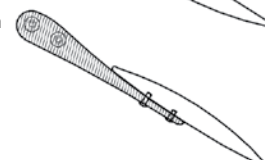
- All Louvretec Airfoil and Maxi Louvres can be bracket fixed with the blades:
 - set at any angle or pitch (blade pitch)
 - set at any centre (blade centre)
- There are four combinations of louvre blade to extruded bracket arm (tear drop) to consider:



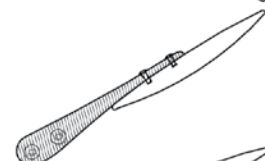
1. Blade pitch down
tear drop over



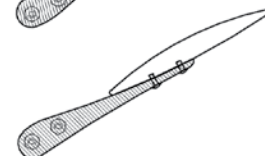
2. Blade pitch down
tear drop under



3. Blade pitch up
tear drop over



4. Blade pitch up
tear drop under



APPLICATION OVERVIEW BRACKET FIXED OPTIONS FOR SUN LOUVRES

HOW THE OVERHEAD SYSTEM WORKS

Overhead panels

BLADE PITCH DOWN TEAR DROP UNDER

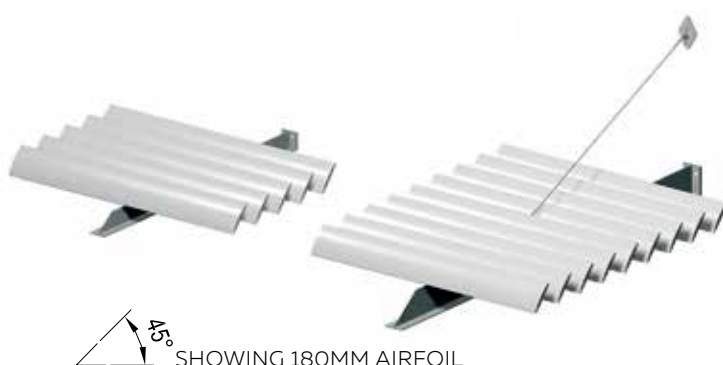


- Horizontal or Overhead louvres may fit above an existing opening or, as illustrated, may require a separate structural sub-frame.
- Sub-frames are typically aluminium or steel and usually require specific engineering details.
- Engineering is usually also required for the fixing details to the building.
- Louvretec specialises in the supply and installation of aluminium structural sub-frames.

BLADE PITCH DOWN TEAR DROP UNDER



BLADE PITCH DOWN TEAR DROP UNDER



HOW THE CORNER MITRES WORK

Bracket fixing

- Bracket fixed louvres mitred at the corners are a Louvretec specialty.
- A seamless effect is achieved giving the blades continuity to both sides of the building.
- Both Vertical and Horizontal Bracket Fixed louvres can be mitred.



VERTICAL WALL OF BRACKET FIXED - HORIZONTAL LOUVRES WITH CORNER MITRES



CANTILEVERED ENDS

AN ALTERNATIVE TO CORNER MITRES IS TO SQUARE CUT AND CANTILEVER THE BLADES AT THE CORNERS



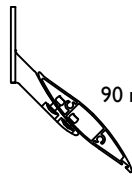
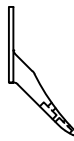
OVERHEAD (HORIZONTAL) BRACKET FIXED LOUVRES WITH CORNER MITRES

TYPICAL DETAIL: BRACKET FIXED AIRFOIL & RECTANGULAR SUN LOUVRES CUSTOMISED OPTIONS FOR COMPATIBLE GROUPS OF LOUVRES

TYPICAL SUPPORT BRACKETS

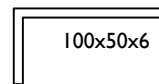
GROUP 1 AIRFOIL

6945
bracket channel



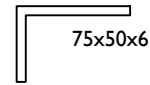
9417
midi louvre bracket

90 midi



100x50x6

Angles



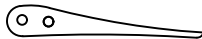
75x50x6



50.8x50.8x4.75

GROUP 2 AIRFOILS

2010
small louvre bracket



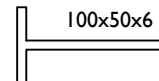
120 airfoil



150 midi

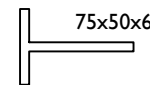


180 airfoil



100x50x6

T sections



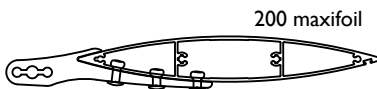
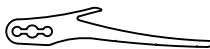
75x50x6



50.8x50.8x4.75

GROUP 3 AIRFOIL

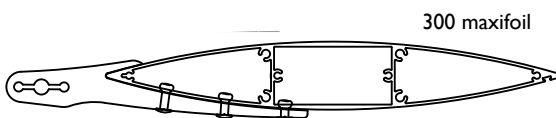
3025
200 louvre bracket



200 maxifoil

GROUP 4 AIRFOIL

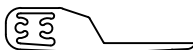
3026
300 louvre bracket



300 maxifoil

GROUP 5 RECTANGULAR

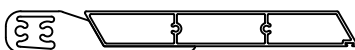
3012
weatherboard bracket



125 weatherboard



150 helena bay



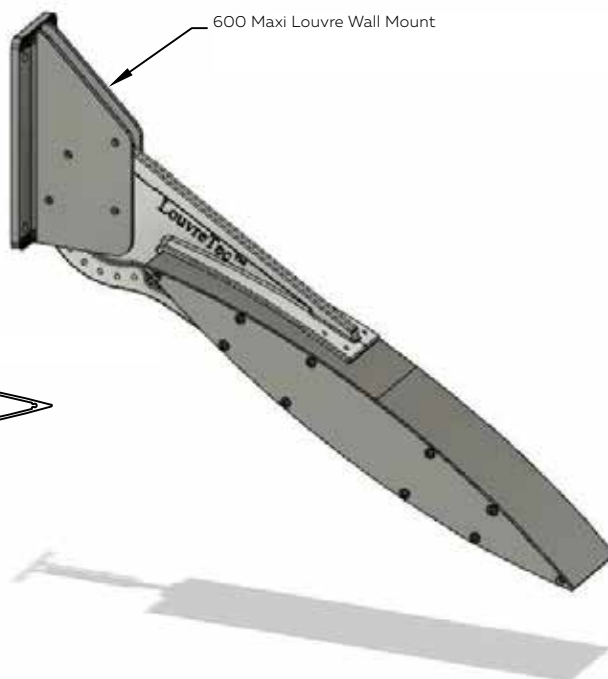
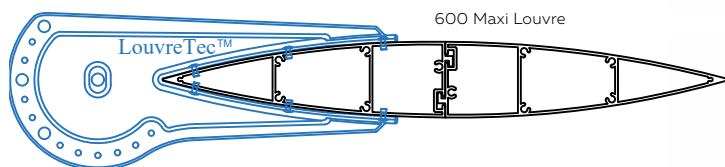
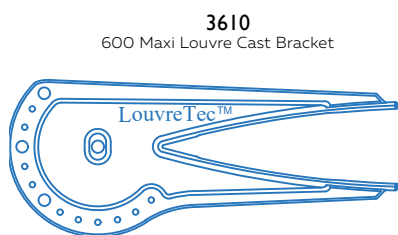
180 weatherboard

TYPICAL DETAIL : BRACKET FIXED AIRFOIL & RECTANGULAR SUN LOUVRES CUSTOMISED OPTIONS FOR COMPATIBLE GROUPS OF LOUVRES

TYPICAL SUPPORT BRACKETS

GROUP 6

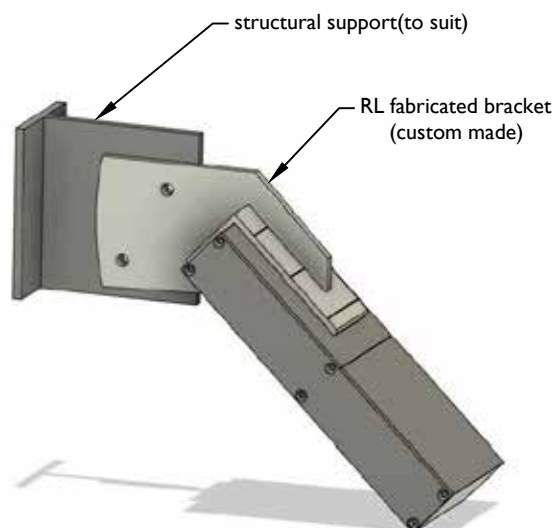
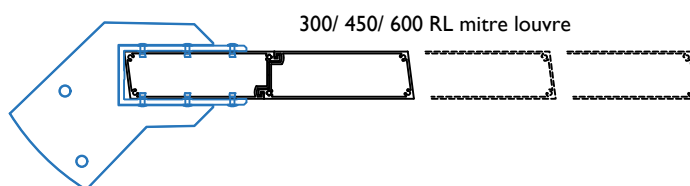
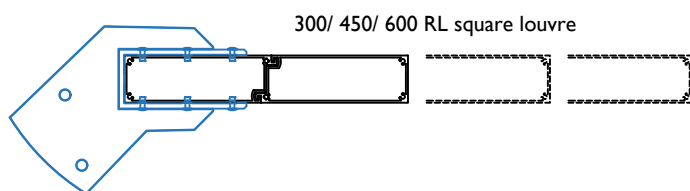
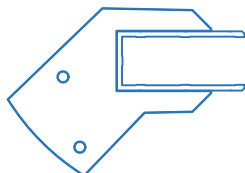
MAXI AIRFOIL LOUVRES



GROUP 7

MAXI RECTANGULAR LOUVRES

RL fabricated bracket 300/ 450/ 600 RL square louvre



300 RL square shown



APPLICATION OVERVIEW GROUPED BRACKET FIXED LOUVRES AT GLANCE

MINIMUM - MAXIMUM BLADE SPANS AT A GLANCE AS DETERMINED BY WIND SPEED. REFER TO SECTION ENGINEERING REPORTS FOR FULL DETAILS ON BLADE SPANS.

EXTRA HIGH WIND
SPEED 198KM/H 55M/S





















LOW WIND SPEED
115KM/H 32M/S



THE LOUVRETEC RANGE OF BRACKET FIXED SUN LOUVRES

7 Groups of Sun Louvres that can be Bracket Fixed using
Louvretec's proprietary Bracket Fixing system

IF A LOUVRE YOU WISH TO SPECIFY IS NOT SHOWN IN THIS SECTION PLEASE CONTACT YOUR DEALER.
WE'RE FOCUSED TO MEETING YOUR NEEDS WITH TAILORED SOLUTIONS.

GROUP	LOUVRE	MAXIMUM SPANS
BRACKET FIXED GROUP 1	 90 MIDI LOUVRE	1400MM 
		2000MM 
	 150 MIDI LOUVRE	1900MM 
		2750MM 
BRACKET FIXED GROUP 2	 120 AIRFOIL LOUVRE	1600MM 
		2300MM 
	 180 AIRFOIL LOUVRE	2050MM 
		2950MM 
BRACKET FIXED GROUP 3	 200 MAXI LOUVRE	2350MM 
		3700MM 
BRACKET FIXED GROUP 4	 300 MAXI LOUVRE	3350MM 
		4800MM 

APPLICATION OVERVIEW GROUPED BRACKET FIXED LOUVRES AT A GLANCE

MINIMUM - MAXIMUM BLADE SPANS AT A GLANCE AS DETERMINED BY WIND SPEED. REFER TO SECTION ENGINEERING REPORTS FOR FULL DETAILS ON BLADE SPANS.

EXTRA HIGH WIND
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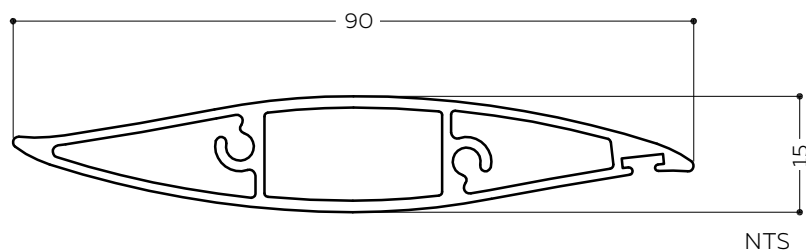
GROUP	LOUVRE	MAXIMUM SPANS
BRACKET FIXED GROUP 5	 150MM HELENA BAY	2050MM  3050MM 
	 125MM WEATHERBOARD PANEL	1750MM  2500MM 
	 180MM WEATHERBOARD PANEL	2100MM  3050MM 
END FIXED GROUP 6	 600 MAXI LOUVRE	3700MM  5800MM 
END FIXED GROUP 7	 RL300 MITRE LOUVRE	4050MM  5800MM 
	 RL450 MITRE LOUVRE	4050MM  5800MM 
	 RL600 MITRE LOUVRE	4050MM  5800MM 
	 RL300 SQUARE LOUVRE	4050MM  5800MM 
	 RL450 SQUARE LOUVRE	4050MM  5800MM 
	 RL600 SQUARE LOUVRE	4050MM  5800MM 

GROUP 1 LOUVRE

Small to Medium size louvres: 90MM MIDI & 150mm MIDI LOUVRES

90MM MIDI LOUVRE

The smallest



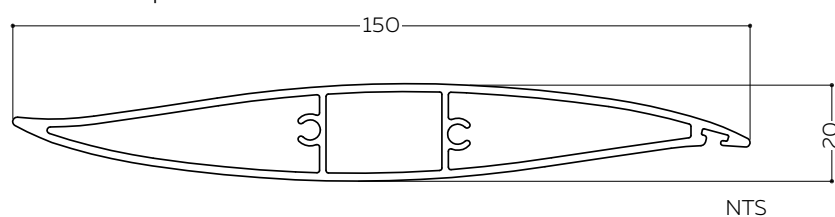
REFER TECHNICAL DETAILS PAGES 10.1.06



90MM MIDI LOUVRE

150MM MIDI LOUVRE

Wave shaped



REFER TECHNICAL DETAILS PAGES 10.2.23



150MM MIDI LOUVRE

TYPICAL DETAIL 90MM BRACKET FIXED LOUVRE - VERTICAL & OVERHEAD
(GROUP 1 LOUVRE COLLECTION)



BRACKET FIXED VERTICAL PANEL -
90MM MIDI HORIZONTAL LOUVRES



BRACKET FIXED OVERHEAD PANEL -
90MM MIDI HORIZONTAL LOUVRES

TYPICAL DETAIL 150MM MIDI BRACKET FIXED LOUVRE - VERTICAL & OVERHEAD PANEL

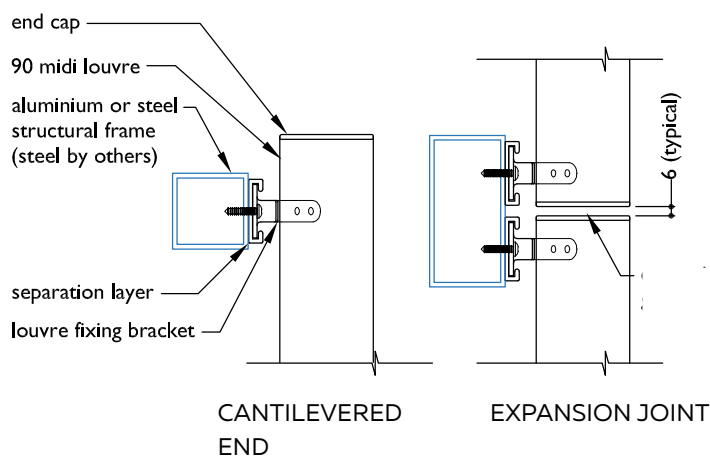


BRACKET FIXED VERTICAL PANEL -
150MM MIDI HORIZONTAL LOUVRES

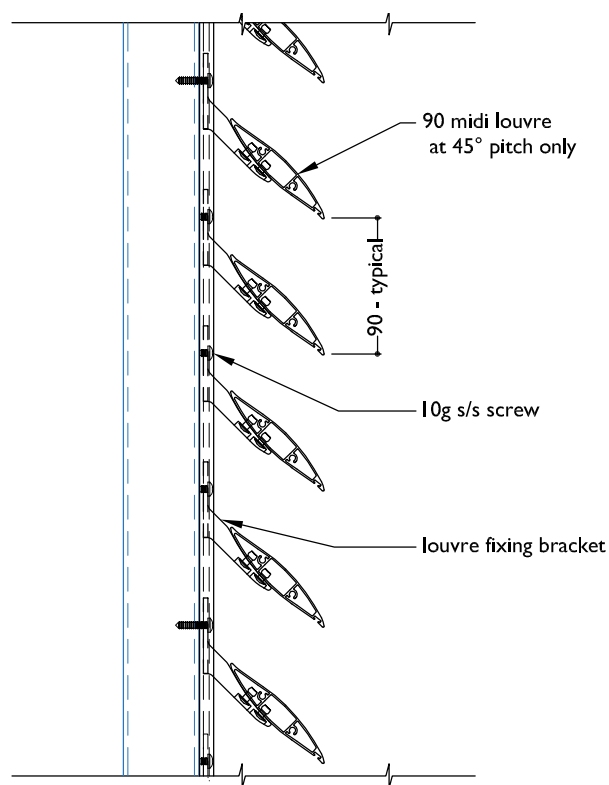


BRACKET FIXED OVERHEAD PANEL -
150MM MIDI HORIZONTAL LOUVRES

PLAN - BRACKET FIXED 90MM MIDI LOUVRE

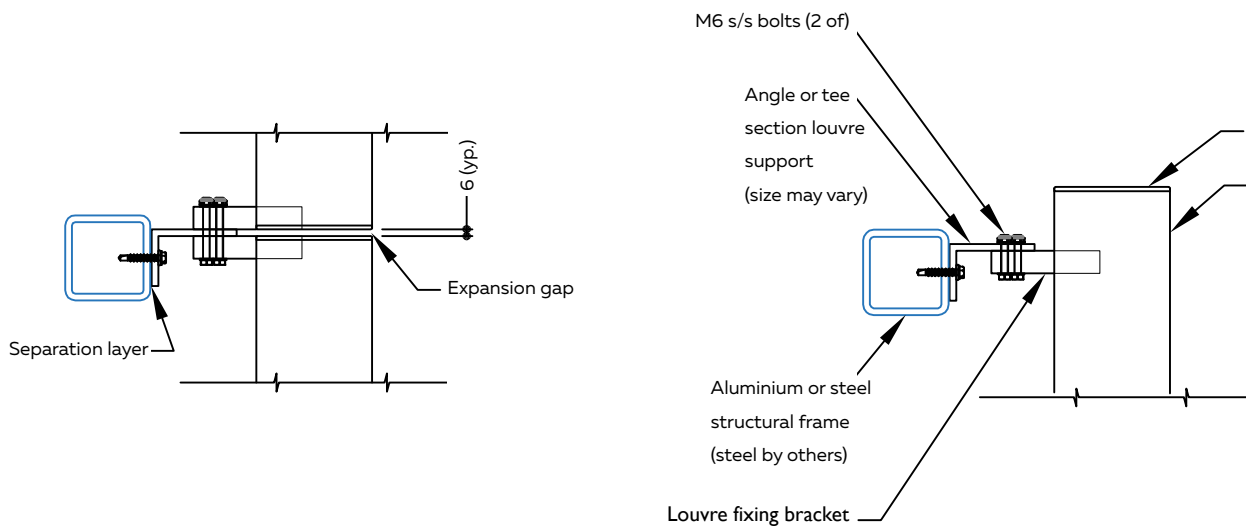


SECTION - BRACKET FIXED 90MM MIDI LOUVRE

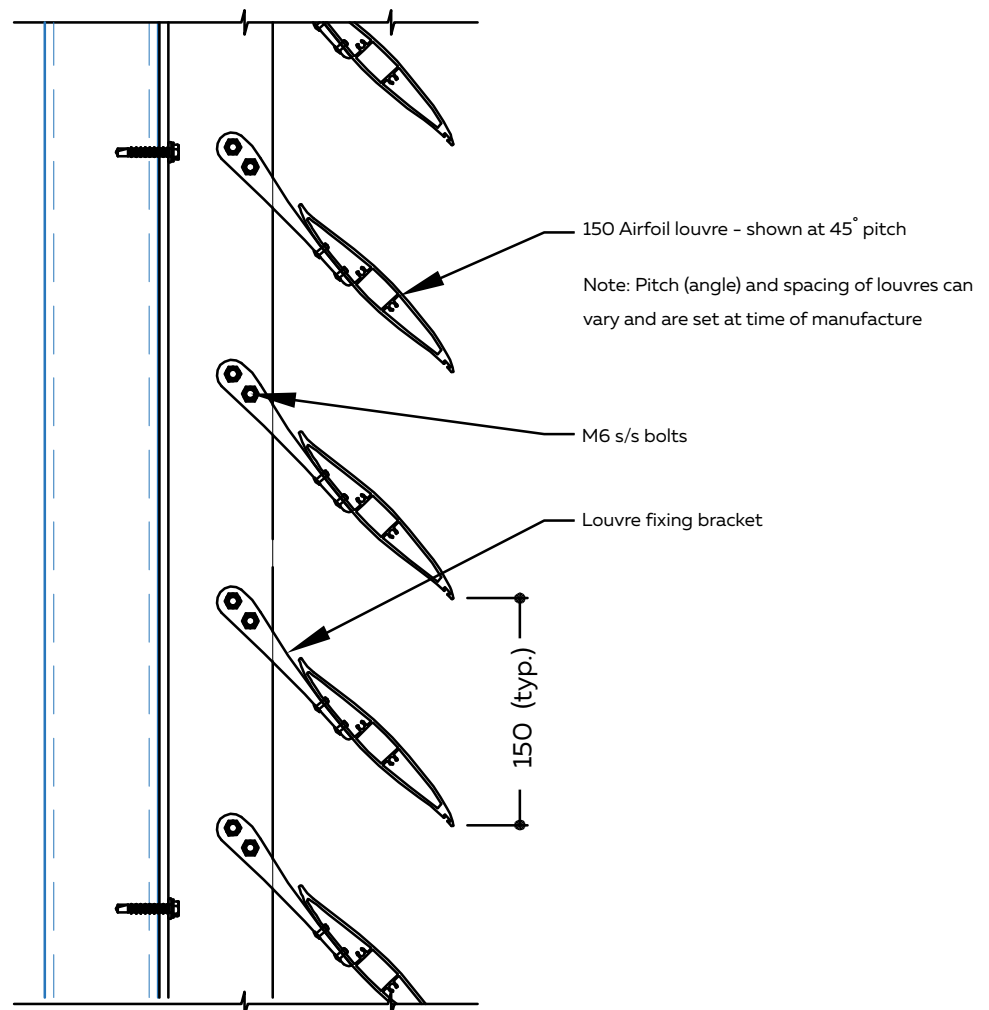


BRACKET FIXED 90MM MIDI LOUVRE

PLAN - BRACKET FIXED 150MM MIDI LOUVRE

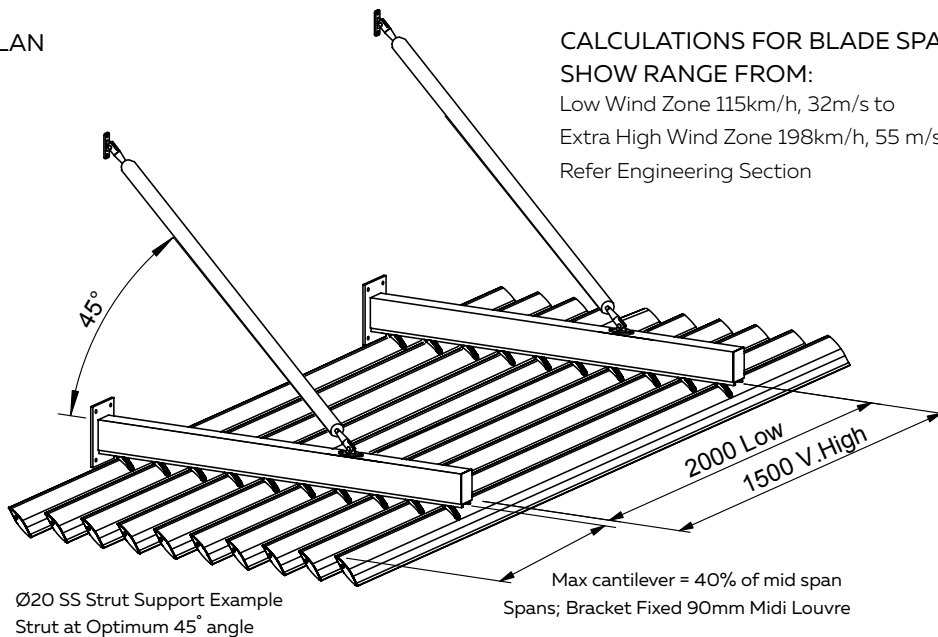


SECTION - BRACKET FIXED 150MM MIDI LOUVRE



TYPICAL DETAIL : BRACKET FIXED 90MM MIDI LOUVRE (GROUP 1 LOUVRES COLLECTION)

PLAN



CALCULATIONS FOR BLADE SPANS SHOW RANGE FROM:

Low Wind Zone 115km/h, 32m/s to
Extra High Wind Zone 198km/h, 55 m/s
Refer Engineering Section

KEY

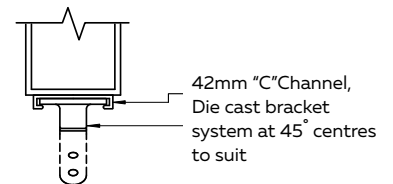
LF = Free span
LS15 = Strut @ 15°
LS30 = Strut @ 30°
LS45 = Strut @ 45°

Plain Column:

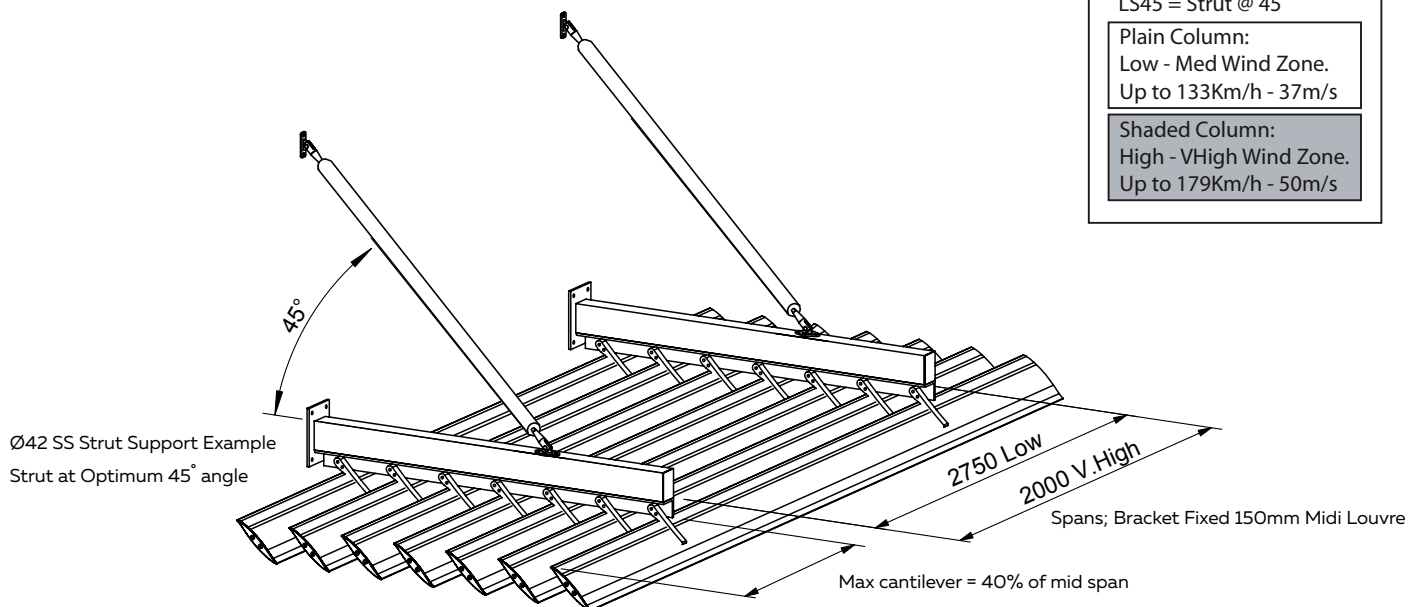
Low - Med Wind Zone.
Up to 133Km/h - 37m/s

Shaded Column:

High - VHigh Wind Zone.
Up to 179Km/h - 50m/s



TYPICAL DETAIL - BRACKET FIXED 150MM MIDI LOUVRE (GROUP 1 LOUVRES COLLECTION)



KEY

LF = Free span
LS15 = Strut @ 15°
LS30 = Strut @ 30°
LS45 = Strut @ 45°

Plain Column:

Low - Med Wind Zone.
Up to 133Km/h - 37m/s

Shaded Column:

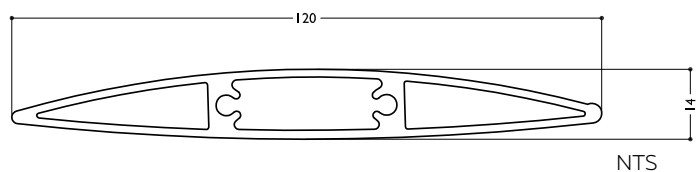
High - VHigh Wind Zone.
Up to 179Km/h - 50m/s

GROUP 2 LOUVRES

Airfoil Louvres: 120MM AIRFOIL & 180MM AIRFOIL LOUVRES

120MM AIRFOIL LOUVRE

Versatile range of design applications



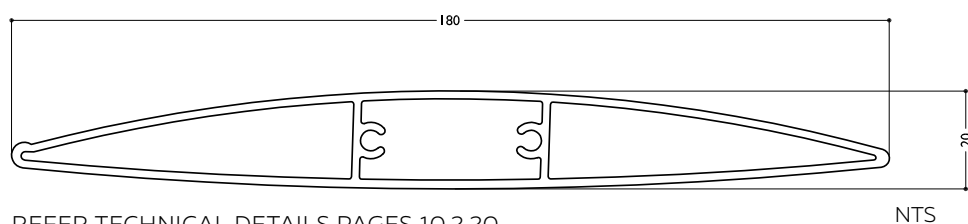
REFER TECHNICAL DETAILS PAGES 10.2.18



120MM AIRFOIL LOUVRE

180MM AIRFOIL LOUVRE

The largest Airfoil shaped louvre

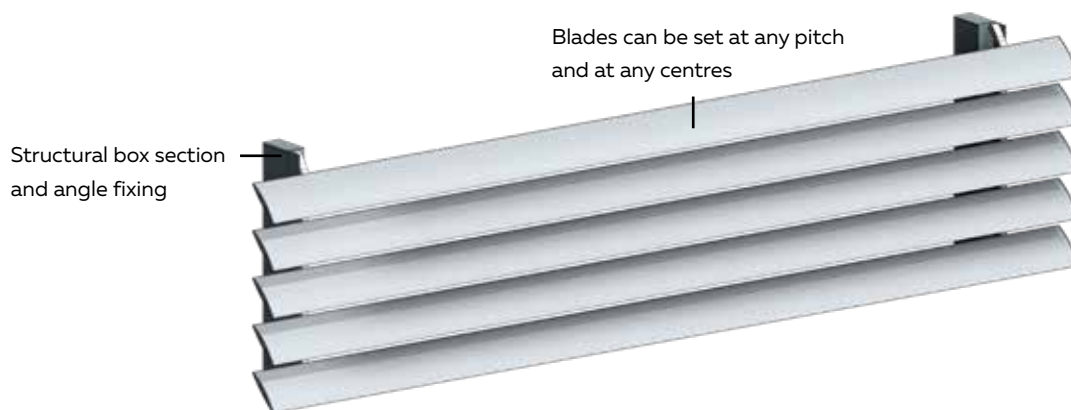


REFER TECHNICAL DETAILS PAGES 10.2.20



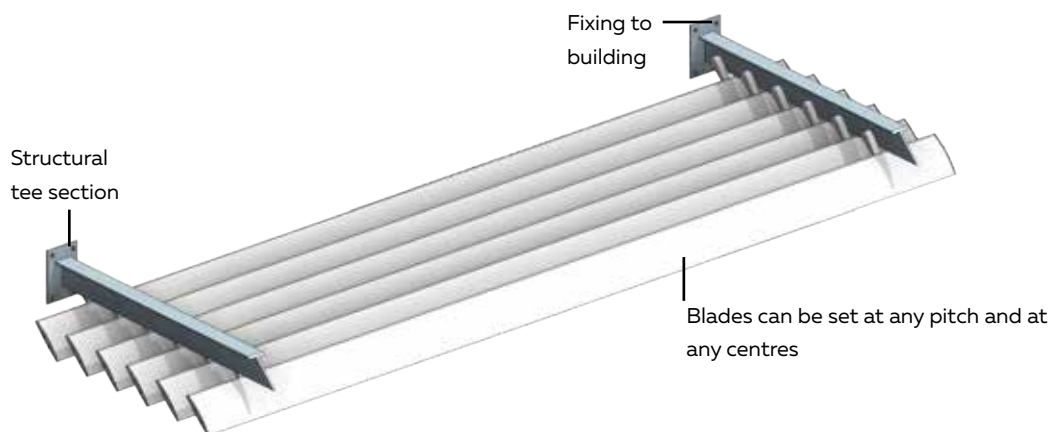
180MM AIRFOIL LOUVRE

TYPICAL DETAIL 120MM AIRFOIL BRACKET FIXED - VERTICAL PANEL



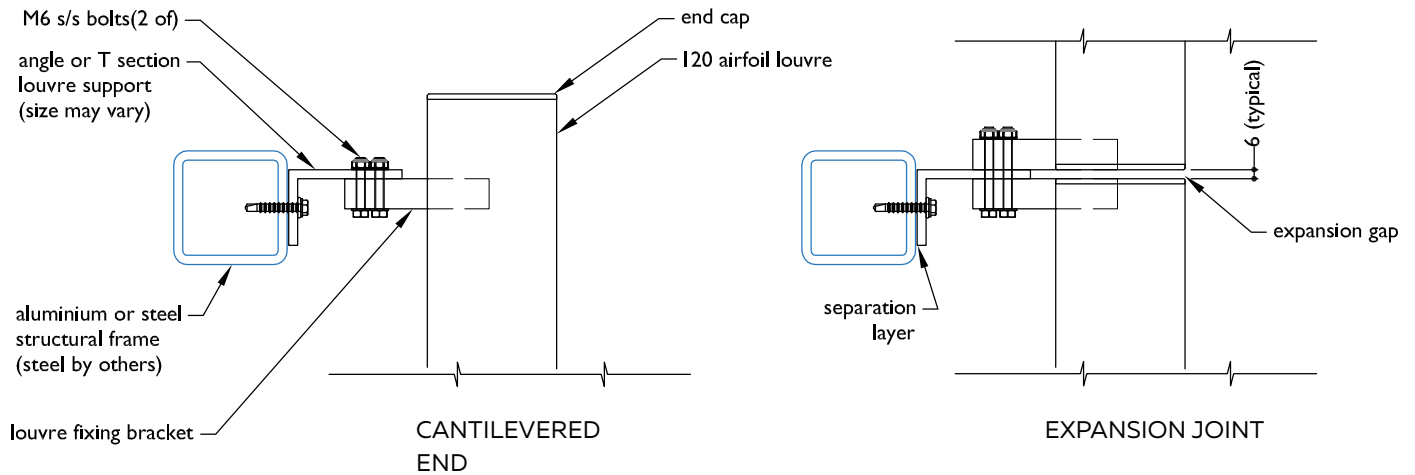
BRACKET FIXED VERTICAL PANEL - 120MM AIRFOIL HORIZONTAL LOUVRES

TYPICAL DETAIL 120MM AIRFOIL BRACKET FIXED LOUVRE - OVERHEAD PANEL

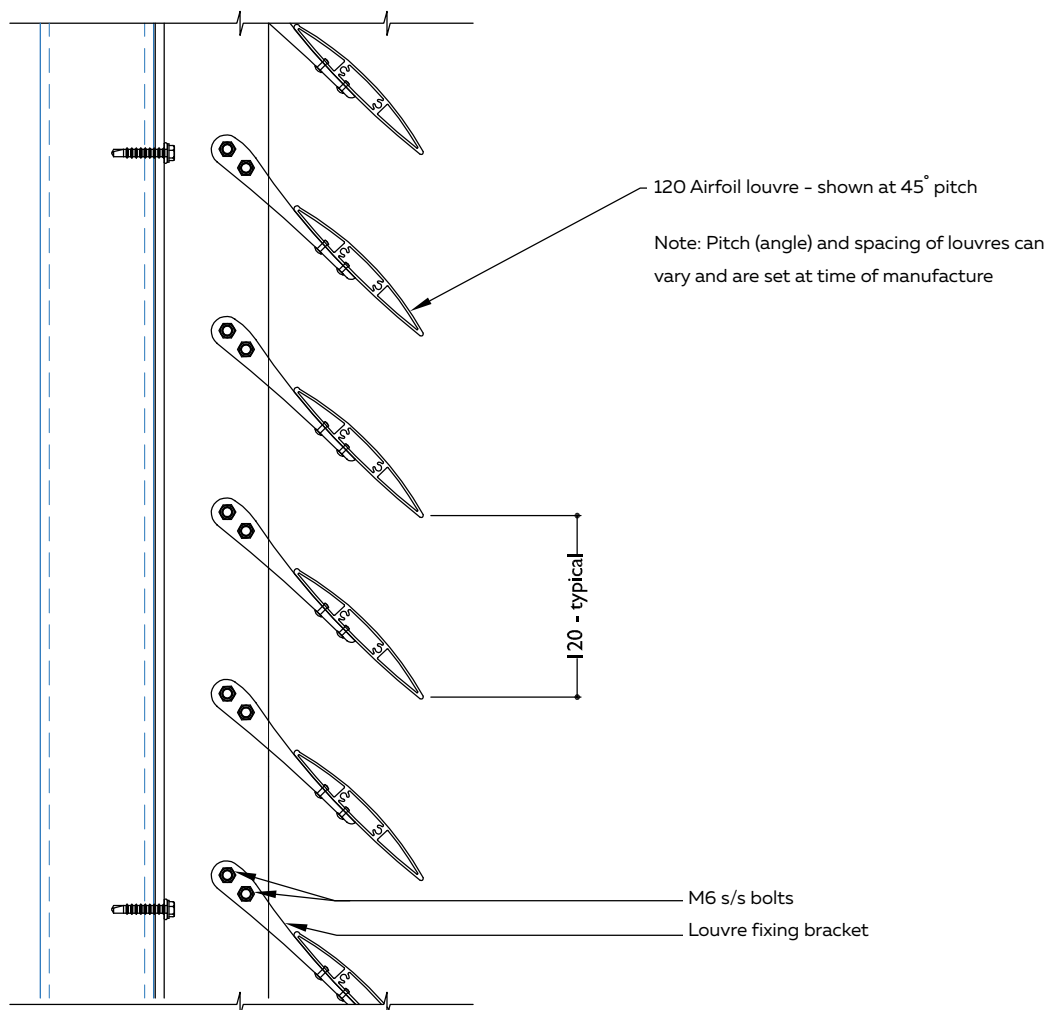


BRACKET FIXED OVERHEAD PANEL - 120MM AIRFOIL HORIZONTAL LOUVRES

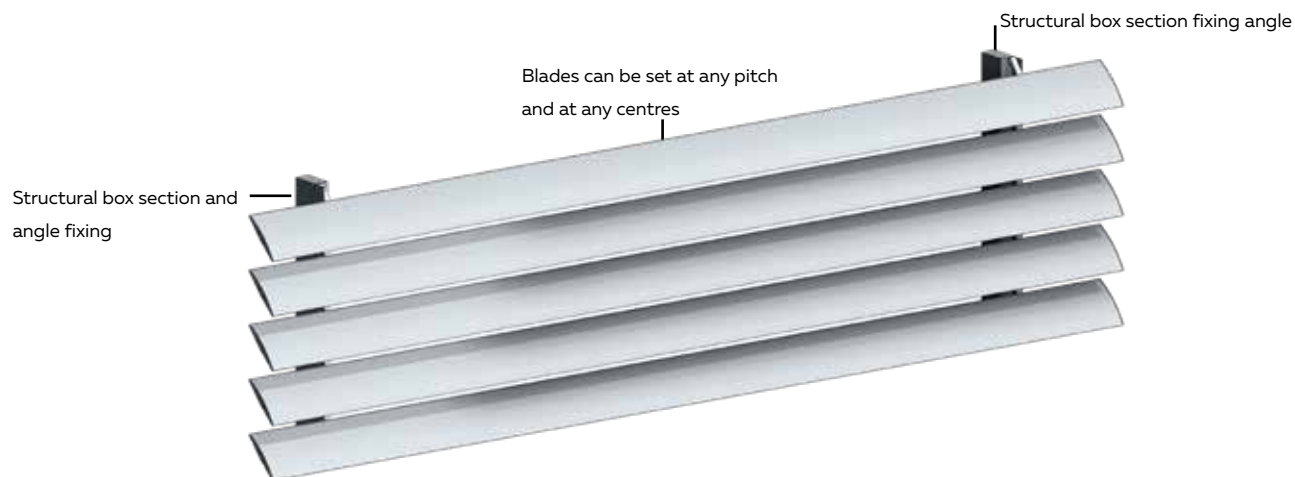
PLAN - BRACKET FIXED 120MM AIRFOIL LOUVRE



SECTION - BRACKET FIXED 120MM AIRFOIL LOUVRE

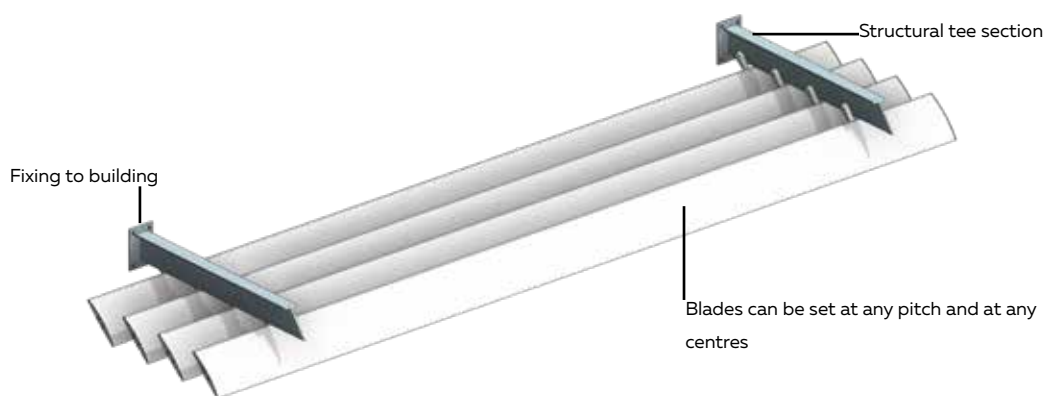


TYPICAL DETAIL 180MM AIRFOIL BRACKET FIXED LOUVRE - VERTICAL PANEL

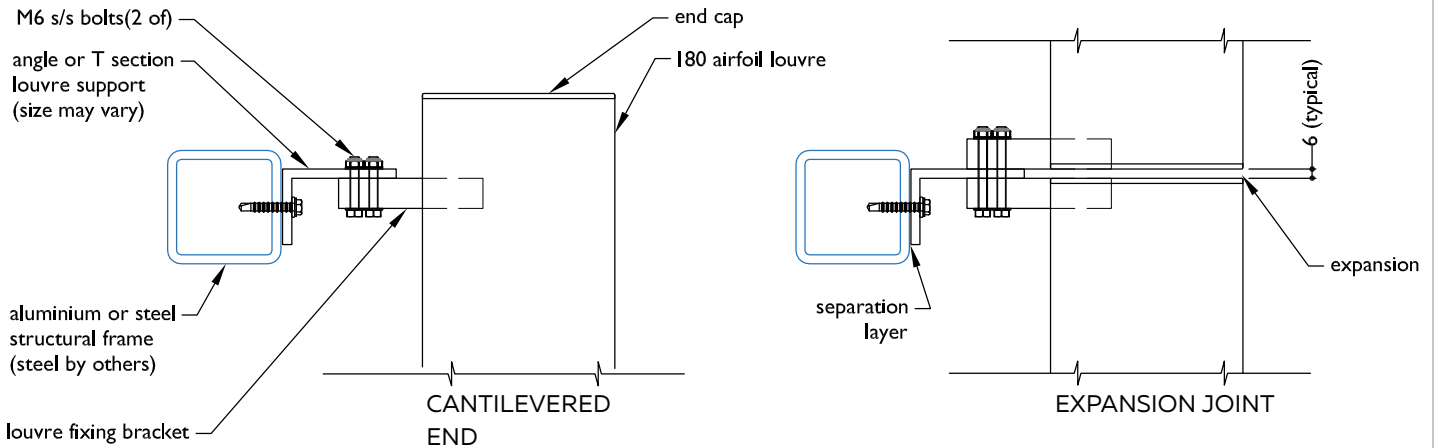
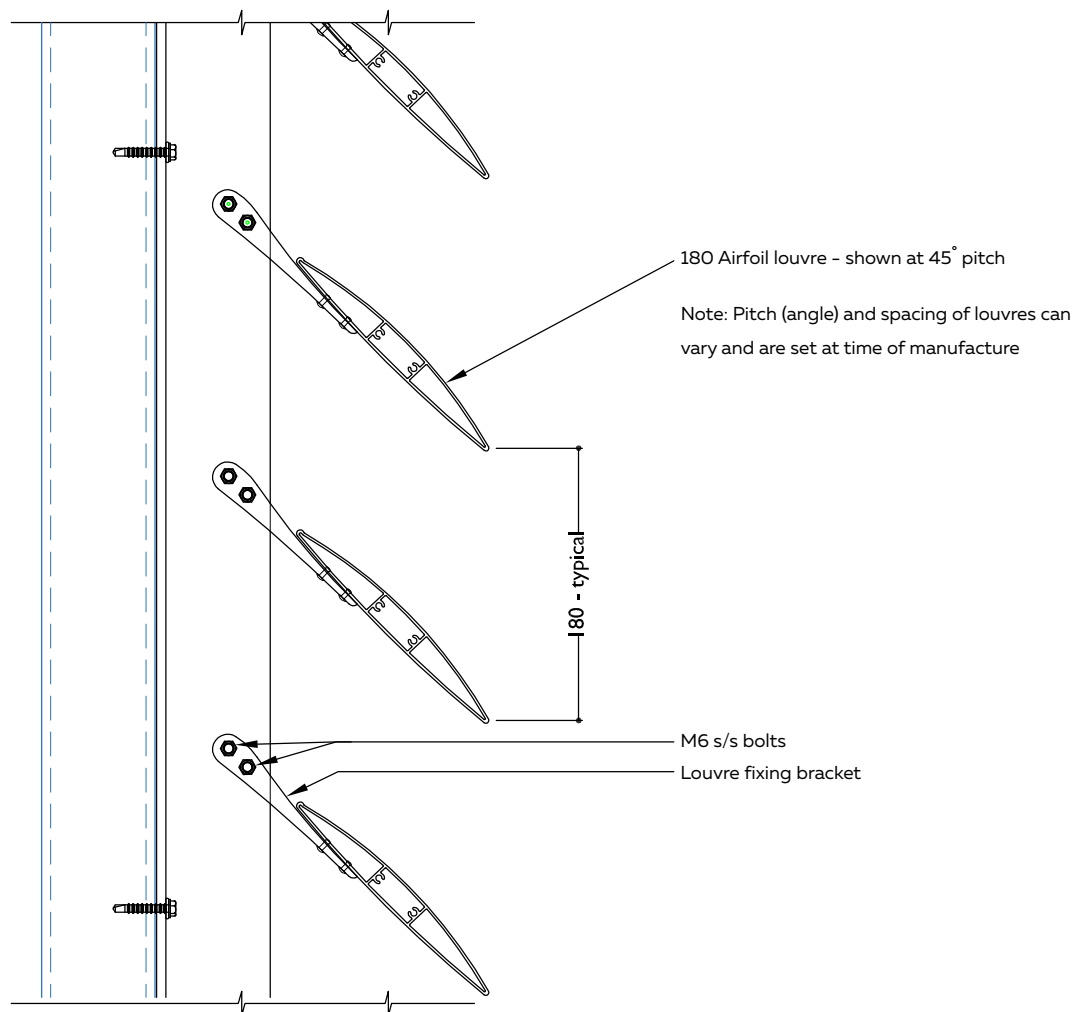


BRACKET FIXED VERTICAL PANEL - 180MM AIRFOIL HORIZONTAL LOUVRES

TYPICAL DETAIL 180MM AIRFOIL BRACKET FIXED LOUVRE - OVERHEAD PANEL



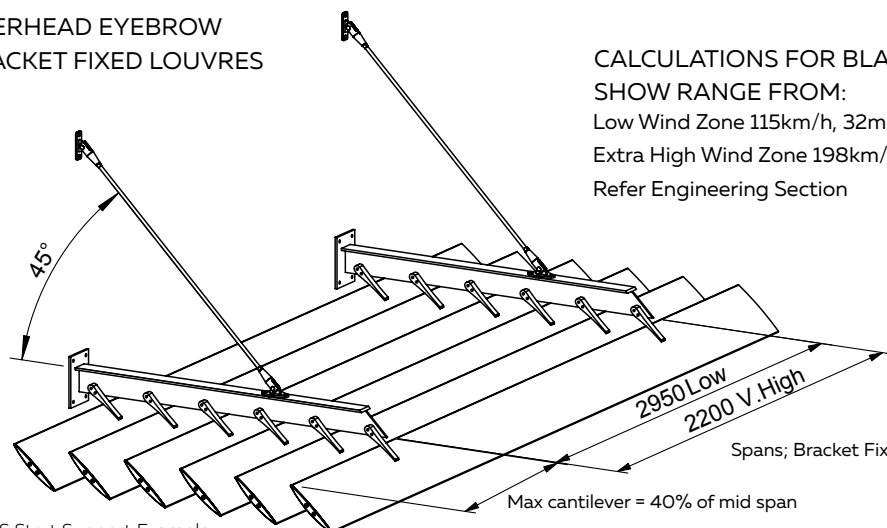
BRACKET FIXED OVERHEAD PANEL - 180MM AIRFOIL HORIZONTAL LOUVRES

PLAN - BRACKET FIXED 180MM AIRFOIL LOUVRE**SECTION - BRACKET FIXED 180MM AIRFOIL LOUVRE**

TYPICAL DETAIL : BRACKET FIXED OVERHEAD SUN LOUVRES

SPANS AT A GLANCE; 120MM AIRFOIL & 180MM AIRFOIL LOUVRES (GROUP 2 LOUVRES)

OVERHEAD EYEBROW
BRACKET FIXED LOUVRES



CALCULATIONS FOR BLADE SPANS

SHOW RANGE FROM:

Low Wind Zone 115km/h, 32m/s to

Extra High Wind Zone 198km/h, 55 m/s

Refer Engineering Section

KEY

LF = Free span

LS15 = Strut @ 15°

LS30 = Strut @ 30°

LS45 = Strut @ 45°

Plain Column:

Low - Med Wind Zone.

Up to 133Km/h - 37m/s

Shaded Column:

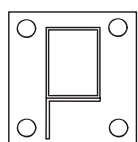
High - VHigh Wind Zone.

Up to 179Km/h - 50m/s

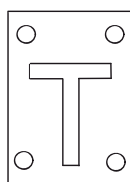
Ø20 SS Strut Support Example
Strut at Optimum 45° angle

TYPICAL DETAIL : BRACKET FIXED OVERHEAD WALL STRUTS

SPANS AT A GLANCE; 120MM AIRFOIL, 180MM AIRFOIL & 200MM MAXI LOUVRES (GROUP 2 LOUVRES)

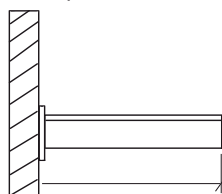


Base Plate:
150 x 100 x 6mm
Box Section:
75 x 50 x 2.5mm
Angle:
50 x 50 x 3mm



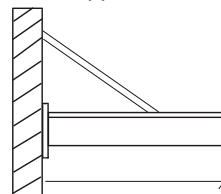
Base Plate: 120 x 100 x 6mm
"T" Section: 75 x 50 x 6mm

Free Span



LF	LF
500	500

Strut Support

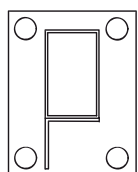


Strut Ø16mm
Stainless steel

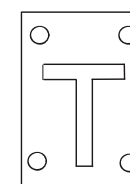
LS15	LS15
800	600

LS30	LS30
900	700

LS45	LS45
900	700

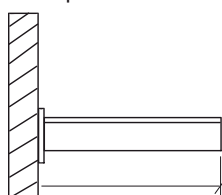


Base Plate:
225 x 100 x 6mm
Box Section:
100 x 50 x 3mm
Angle:
50 x 50 x 6mm



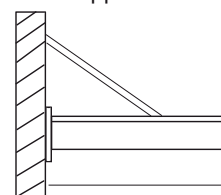
Base Plate: 170 x 100 x 6mm
"T" Section: 100 x 50 x 6mm

Free Span



LF	LF
700	600

Strut Support

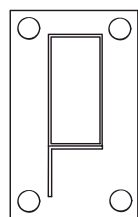


Strut Ø20mm
Stainless steel

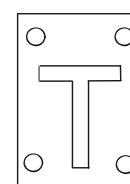
LS15	LS15
1100	900

LS30	LS30
1200	1000

LS45	LS45
1300	1000

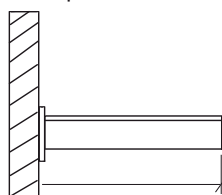


Base Plate:
275 x 100 x 6mm
Box Section:
150 x 50 x 3mm
Angle:
50 x 50 x 6mm



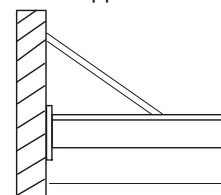
Base Plate: 170 x 100 x 6mm
"T" Section: 100 x 50 x 6mm

Free Span



LF	LF
1000	900

Strut Support



Strut Ø42mm
Stainless steel

LS15	LS15
1400	1100

LS30	LS30
1600	1300

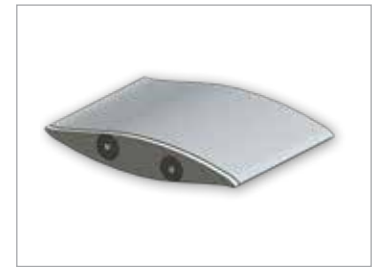
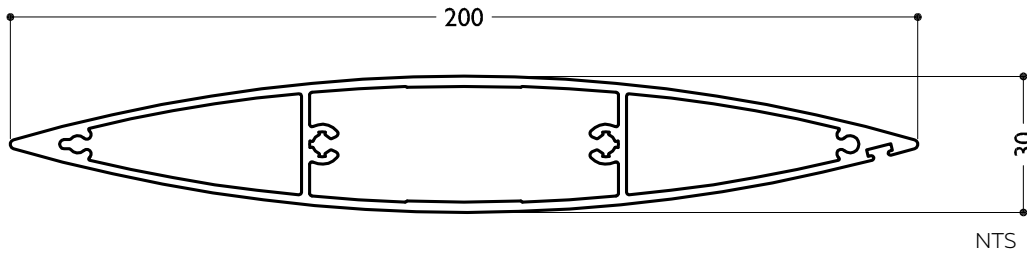
LS45	LS45
1700	1400

SUN LOUVRES BRACKET FIXED
GROUP 3 LOUVRE

Airfoil Louvres: 200MM MAXI LOUVRE

200MM MAXI LOUVRE

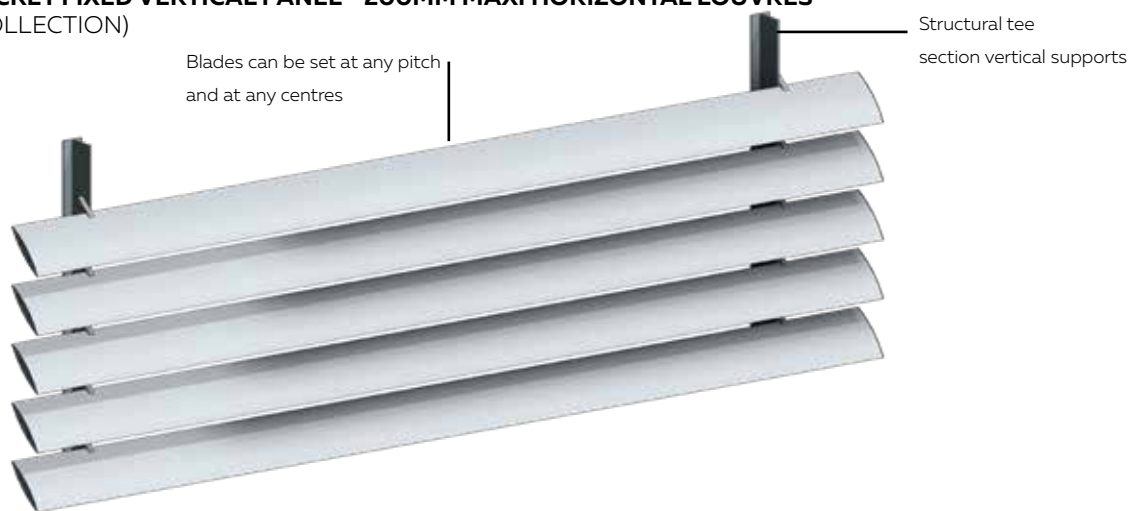
Most specified Maxi Louvre



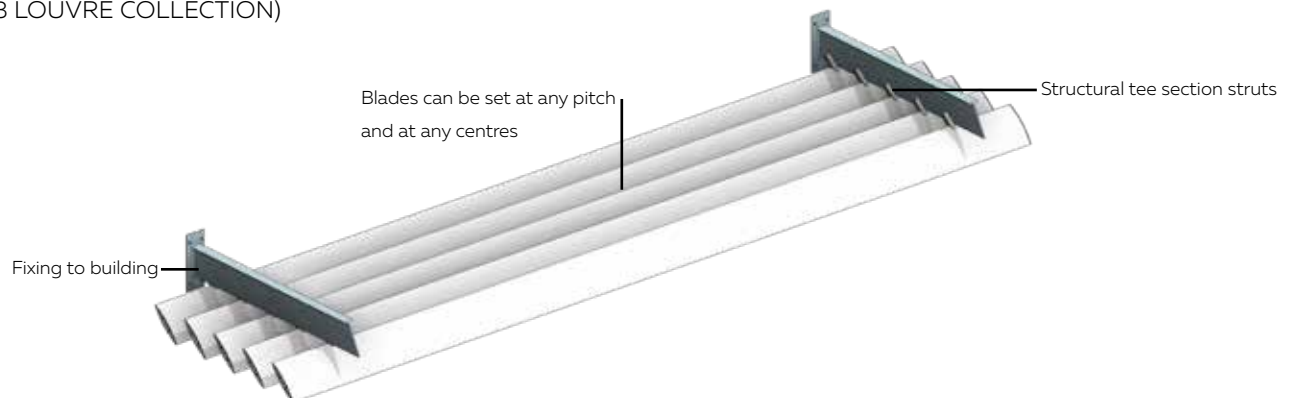
200MM MAXI LOUVRE

REFER TECHNICAL DETAILS PAGE 10.2.25

TYPICAL DETAIL: BRACKET FIXED VERTICAL PANEL - 200MM MAXI HORIZONTAL LOUVRES (GROUP 3 LOUVRE COLLECTION)



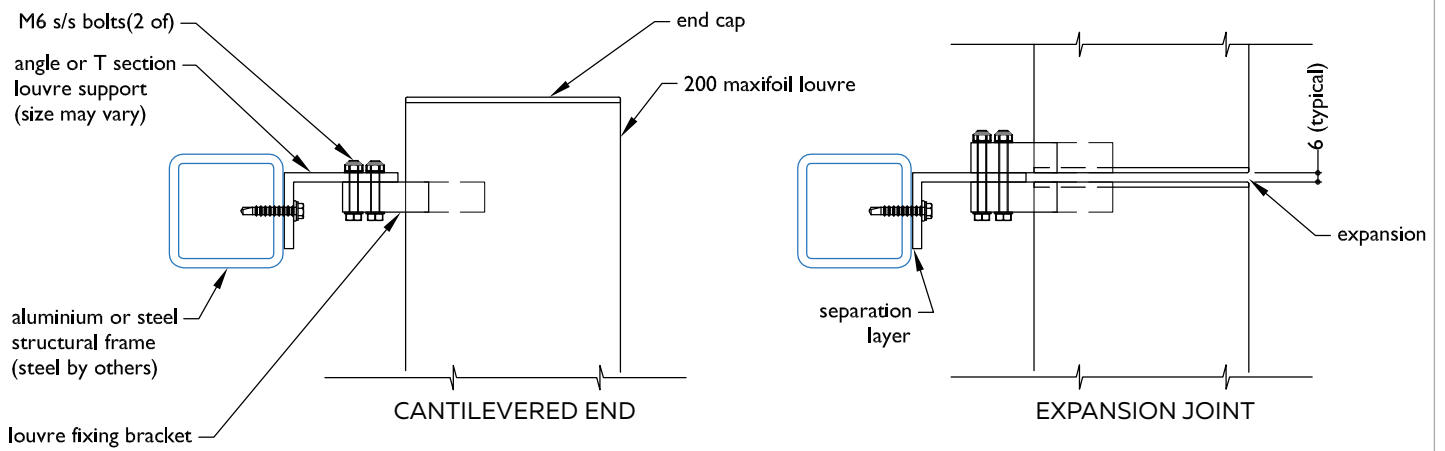
TYPICAL DETAIL: BRACKET FIXED OVERHEAD PANEL - 200MM MAXI HORIZONTAL LOUVRES (GROUP 3 LOUVRE COLLECTION)



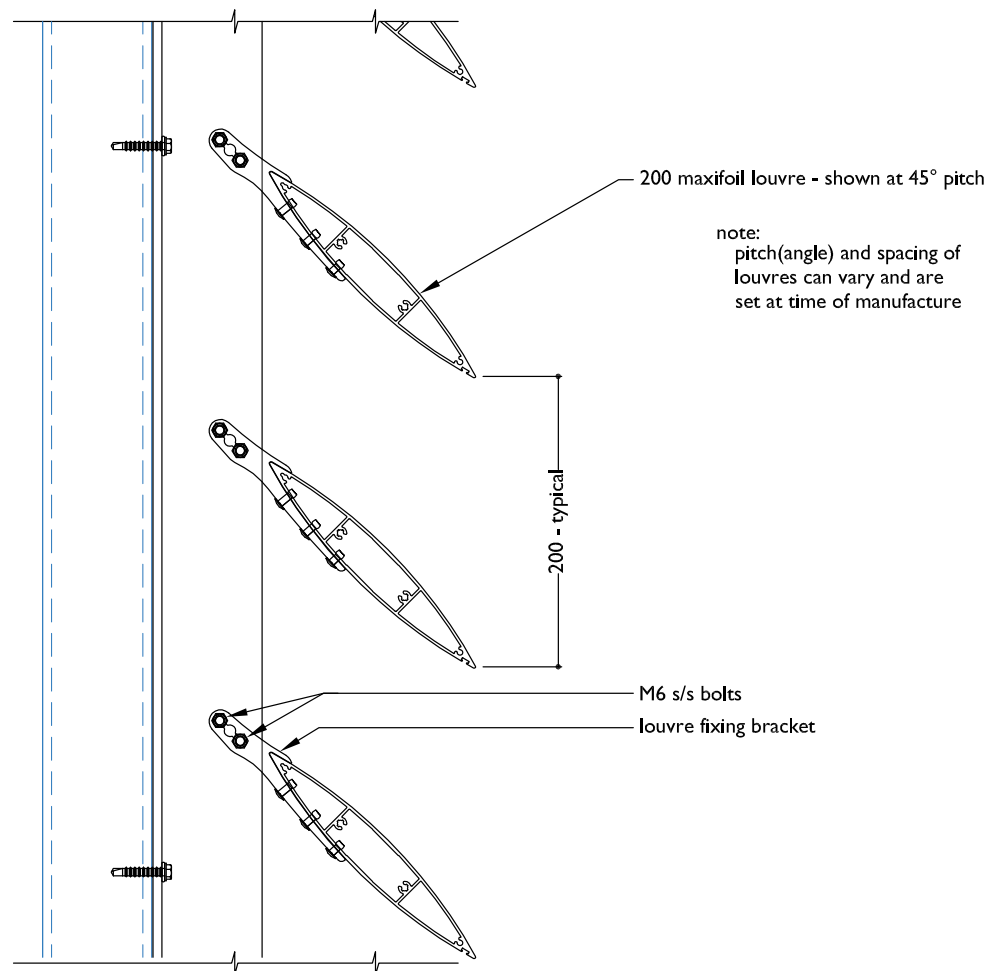
**TYPICAL DETAIL : BRACKET FIXED
200MM MAXI LOUVRE PANEL**

(GROUP 3 LOUVRES COLLECTION)

PLAN - BRACKET FIXED 200MM MAXI LOUVRE



SECTION - BRACKET FIXED 200MM MAXI LOUVRE



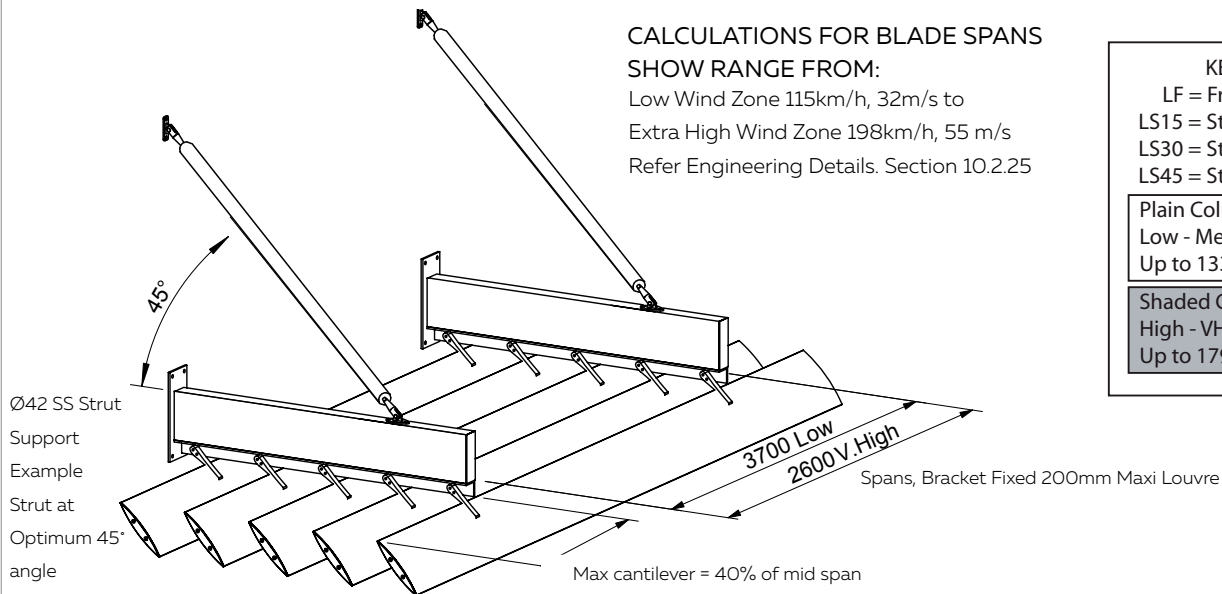
BRACKET FIXED 200MM MAXI LOUVRE PANEL

**CALCULATIONS FOR BLADE SPANS
SHOW RANGE FROM:**

Low Wind Zone 115km/h, 32m/s to

Extra High Wind Zone 198km/h, 55 m/s

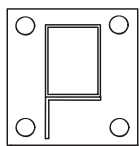
Refer Engineering Details. Section 10.2.25

**KEY**

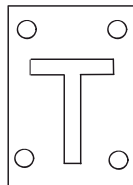
LF = Free span
LS15 = Strut @ 15°
LS30 = Strut @ 30°
LS45 = Strut @ 45°

Plain Column:
Low - Med Wind Zone.
Up to 133Km/h - 37m/s

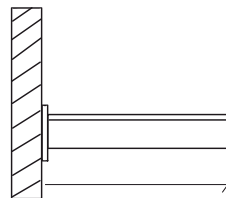
Shaded Column:
High - VHigh Wind Zone.
Up to 179Km/h - 50m/s

**TYPICAL DETAIL: BRACKET FIXED OVERHEAD WALL STRUTS FOR 180MM AIRFOIL & 200MM MAXI LOUVRE
SPANS AT A GLANCE (FROM GROUP 2 & 3 LOUVRES COLLECTION)**

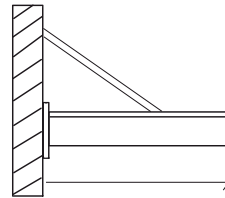
Base Plate:
150 x 100 x 6mm
Box Section:
75 x 50 x 2.5mm
Angle:
50 x 50 x 3mm



Base Plate: 120 x 100 x 6mm
'T' Section: 75 x 50 x 6mm

Free Span

LF	LF
500	500

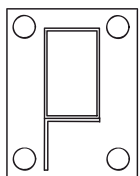
Strut Support

Strut Ø16mm
Stainless steel

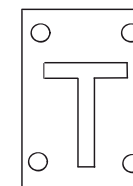
LS15	LS15
800	600

LS30	LS30
900	700

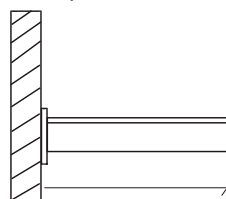
LS45	LS45
900	700



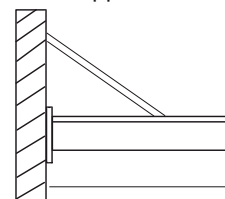
Base Plate:
225 x 100 x 6mm
Box Section:
100 x 50 x 3mm
Angle:
50 x 50 x 6mm



Base Plate: 170 x 100 x 6mm
'T' Section: 100 x 50 x 6mm

Free Span

LF	LF
700	600

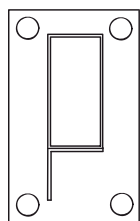
Strut Support

Strut Ø20mm
Stainless steel

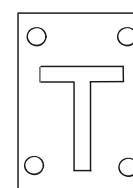
LS15	LS15
1100	900

LS30	LS30
1200	1000

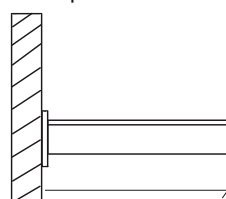
LS45	LS45
1300	1000



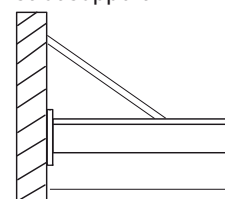
Base Plate:
275 x 100 x 6mm
Box Section:
150 x 50 x 3mm
Angle:
50 x 50 x 6mm



Base Plate: 170 x 100 x 6mm
'T' Section: 100 x 50 x 6mm

Free Span

LF	LF
1000	900

Strut Support

Strut Ø42mm
Stainless steel

LS15	LS15
1400	1100

LS30	LS30
1600	1300

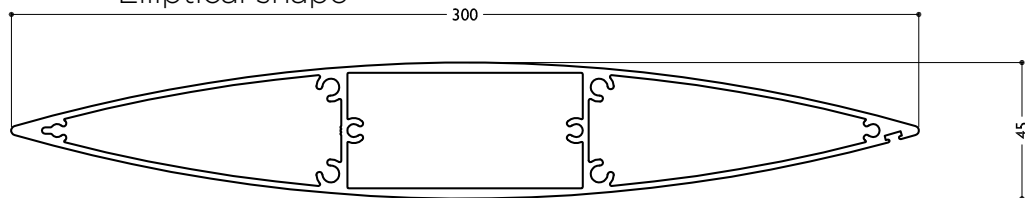
LS45	LS45
1700	1400

GROUP 4 LOUVRE

Maxi Airfoil shaped louver: 300MM MAXI LOUVRE

300MM MAXI LOUVRE

Elliptical shape



NTS

The 300mm Maxi Louvre is now available in a motorised option using Louvretec's new Maxi-Drive pivot system.

This new pivot system hides both the motor and pivot mechanism within a structural aluminium support frame.

Powered by Somfy, Maxi-Drive incorporates both a reduction gearbox and supporting drive arm, providing strength needed for pivoting large blade louvres. Ideal for both residential and commercial applications.

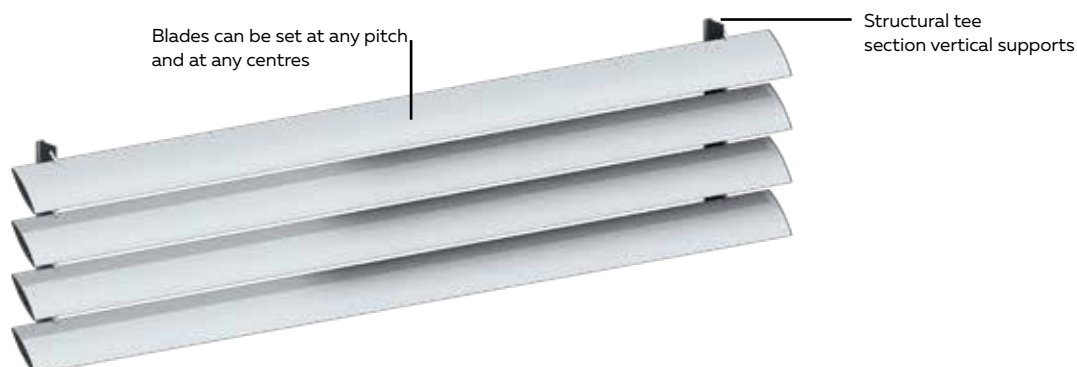
Also available as End or Bracket Fixed, Horizontal or Vertical Overhead Panels.



300MM MAXI LOUVRE

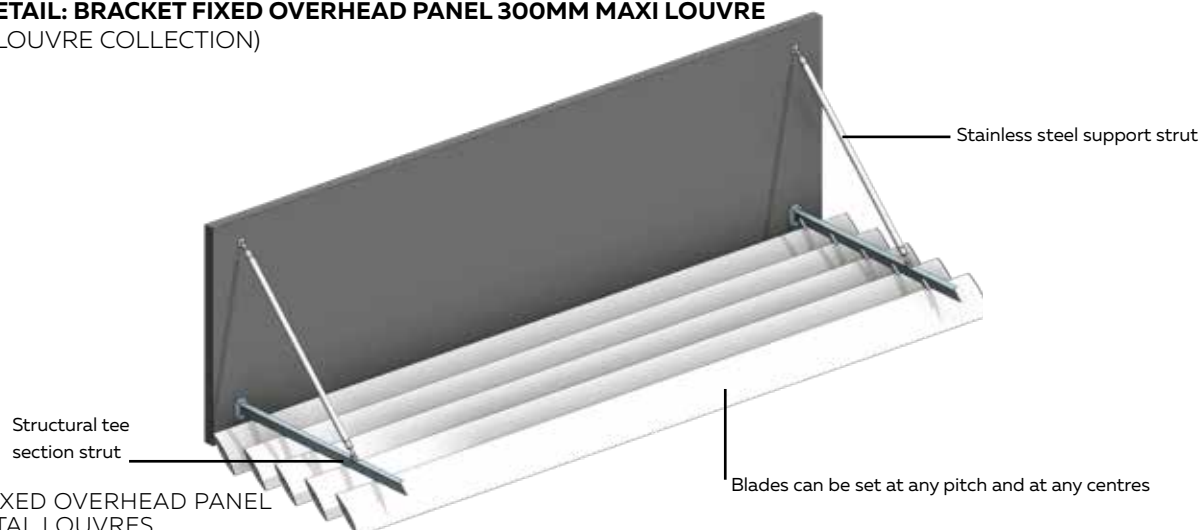
REFER TECHNICAL DETAILS
PAGE 10.4.32

TYPICAL DETAIL: BRACKET FIXED VERTICAL PANEL 300MM MAXI LOUVRE (GROUP 4 LOUVRE COLLECTION)



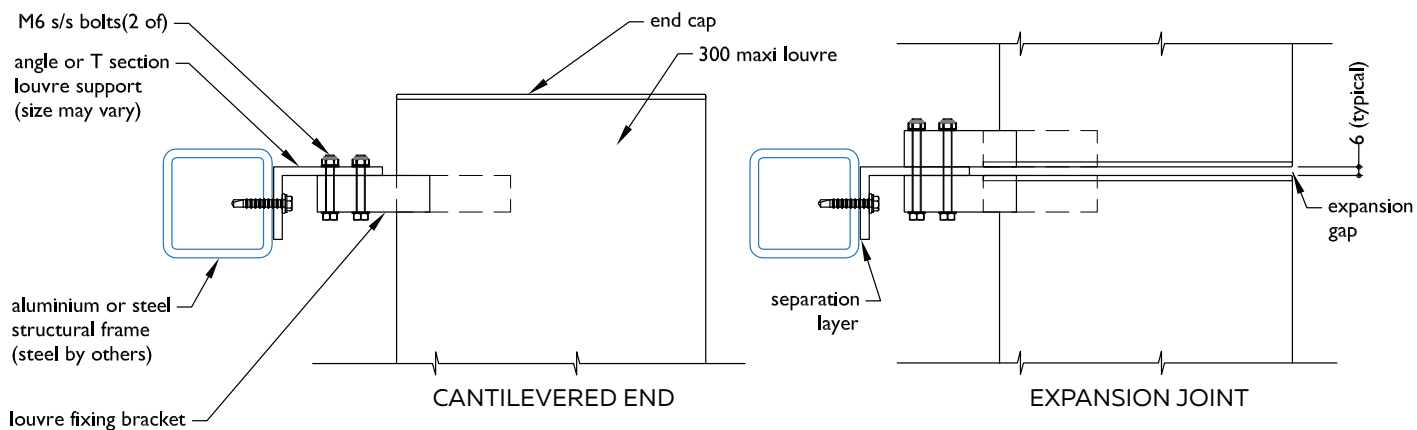
BRACKET FIXED
VERTICAL PANEL - HORIZONTAL LOUVRES

TYPICAL DETAIL: BRACKET FIXED OVERHEAD PANEL 300MM MAXI LOUVRE (GROUP 4 LOUVRE COLLECTION)

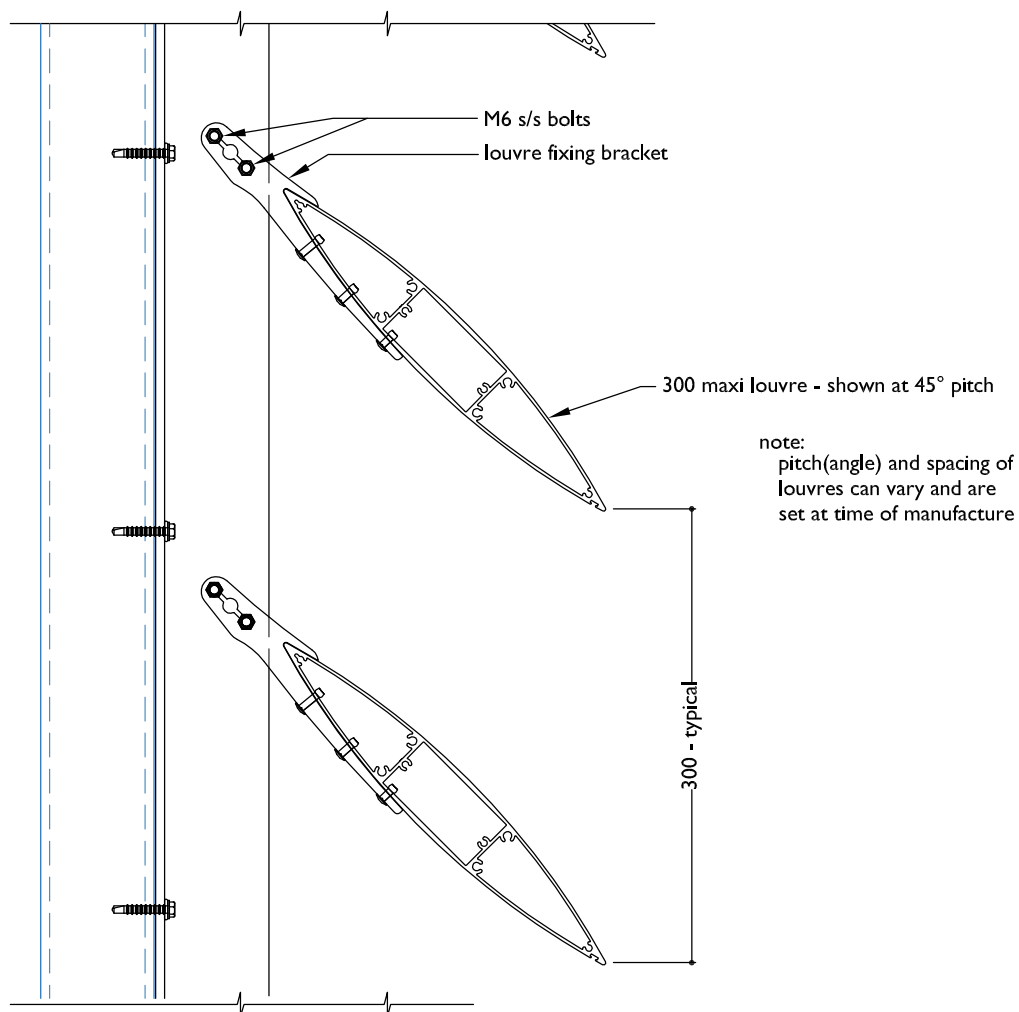


BRACKET FIXED OVERHEAD PANEL
- HORIZONTAL LOUVRES

PLAN - BRACKET FIXED 300MM MAXI LOUVRE



SECTION - BRACKET FIXED 300MM MAXI LOUVRE

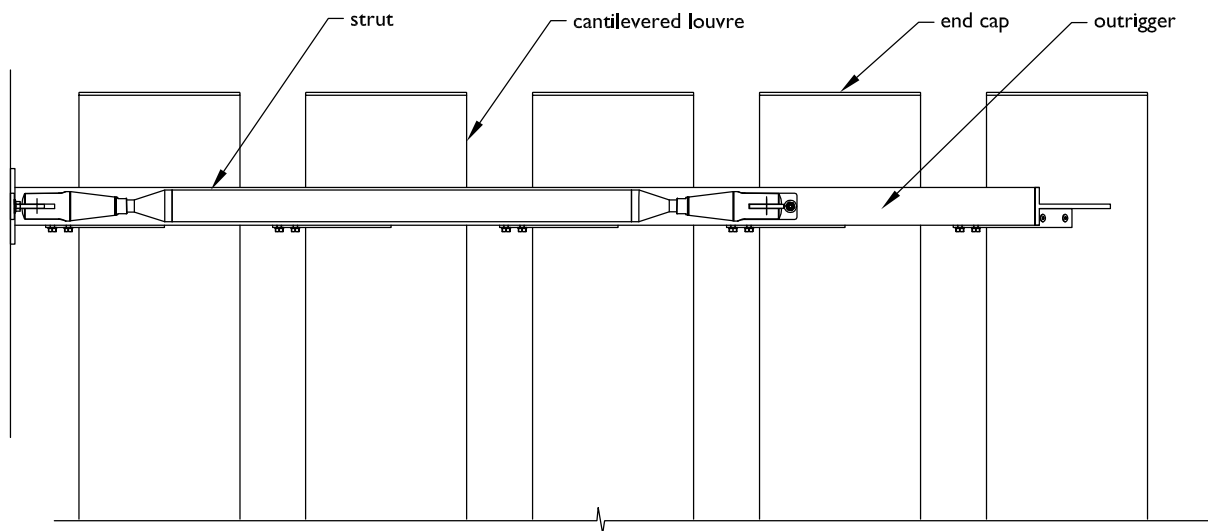


BRACKET FIXED 300MM MAXI LOUVRE

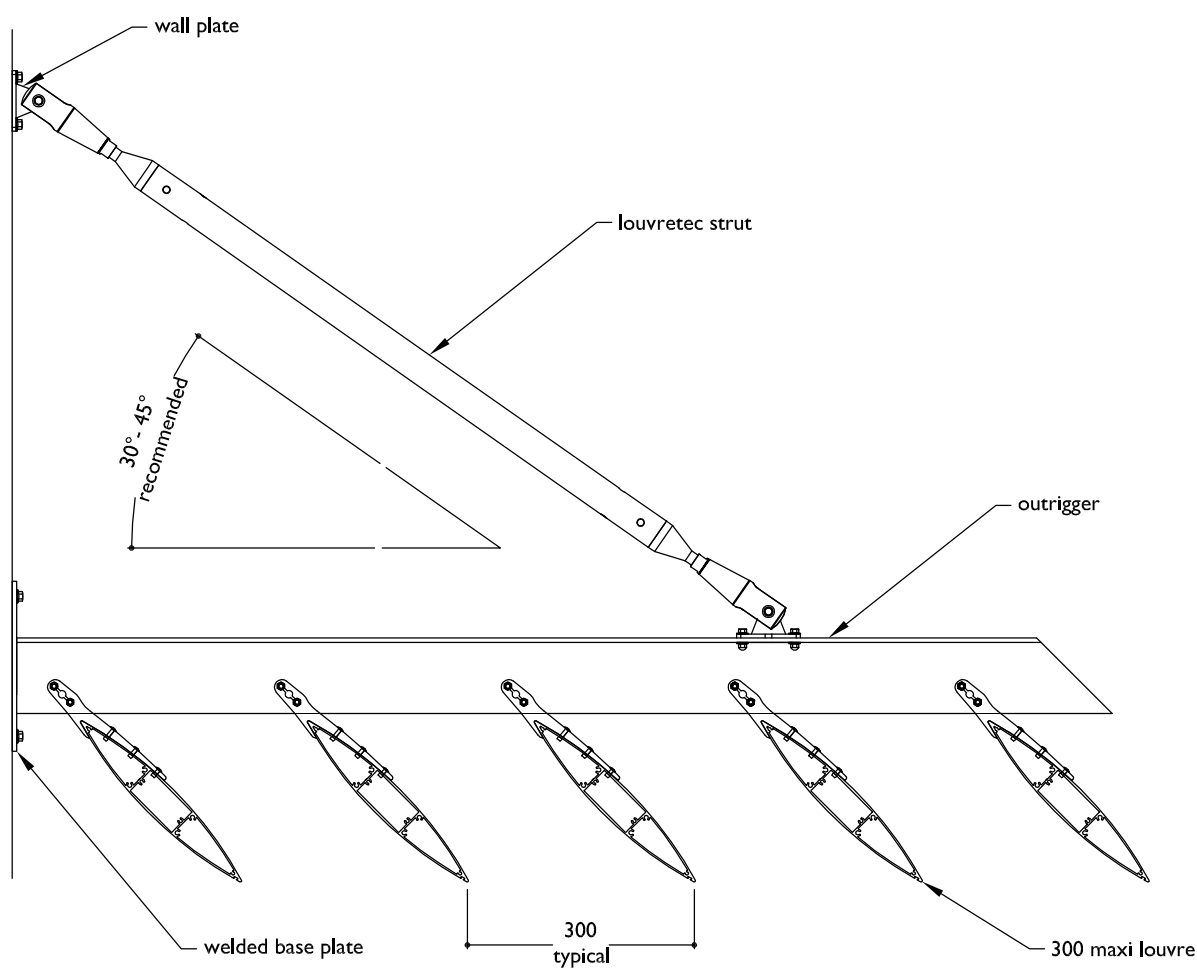
TYPICAL DETAIL : BRACKET FIXED EYEBROW CONFIGURATION
300MM MAXI LOUVRE PANEL

(GROUP 4 LOUVRES COLLECTION)

PLAN - BRACKET FIXED 300MM MAXI LOUVRE - EYEBROW CONFIGURATION



SECTION - BRACKET FIXED 300MM MAXI LOUVRE - EYEBROW CONFIGURATION

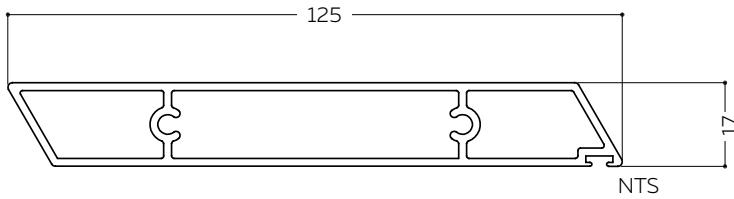


GROUP 5 LOUVRES

Mid size Rectangular Louvres: 125 MM WEATHERBOARD, 180 WEATHERBOARD, 150 HELENA BAY LOUVRES

125MM WEATHERBOARD PANEL

Wall panel | sun louvre



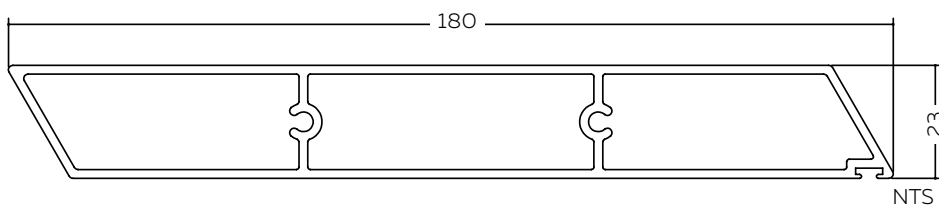
REFER TECHNICAL DETAILS PAGES 10.4.26



125MM WEATHERBOARD PANEL

180MM WEATHERBOARD PANEL

Wall panel | sun louvre | balustrade



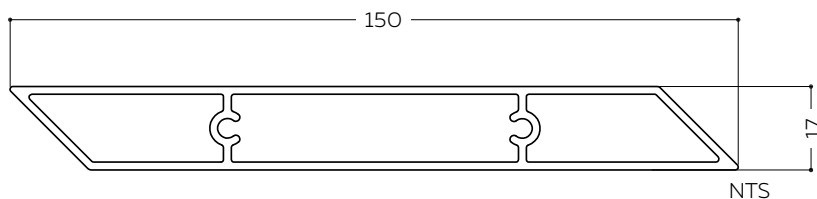
REFER TECHNICAL DETAILS PAGES 10.4.27



180MM WEATHERBOARD PANEL

150MM HELENA BAY 45° FIXED WEATHERBOARD PANEL

Wall panel | sun louvre | balustrade

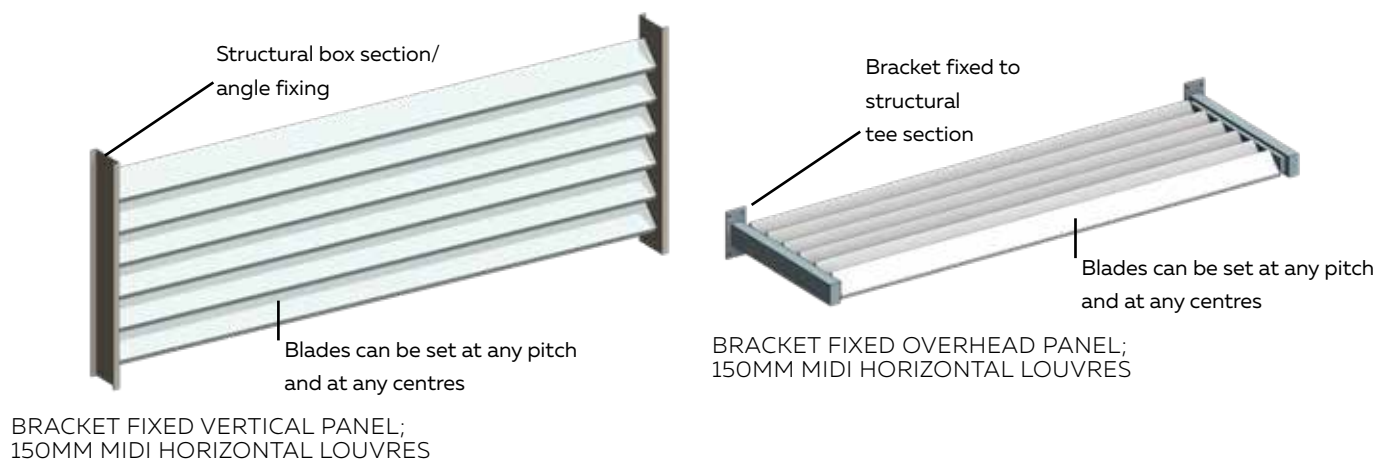


REFER TECHNICAL DETAILS PAGES 10.4.25

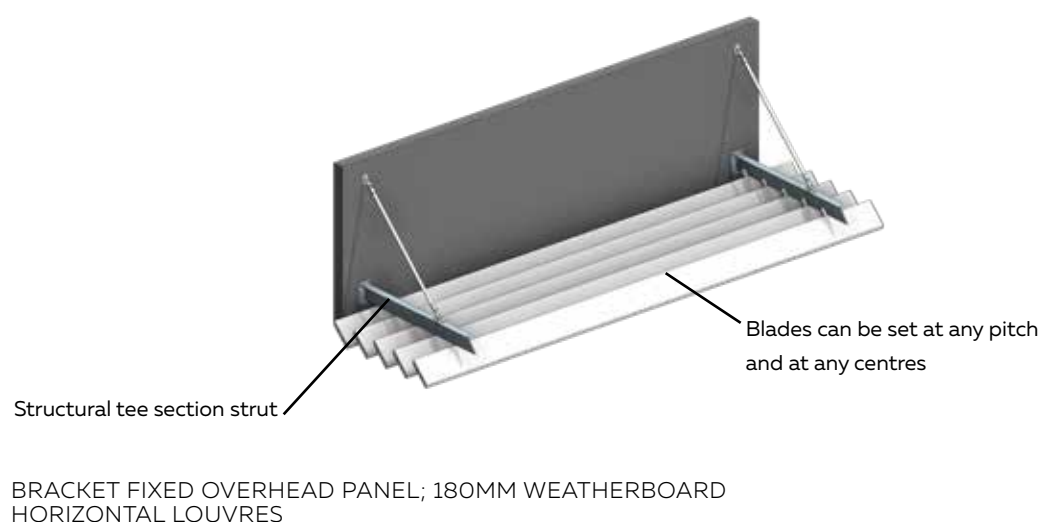


150MM HELENA BAY 45° FIXED

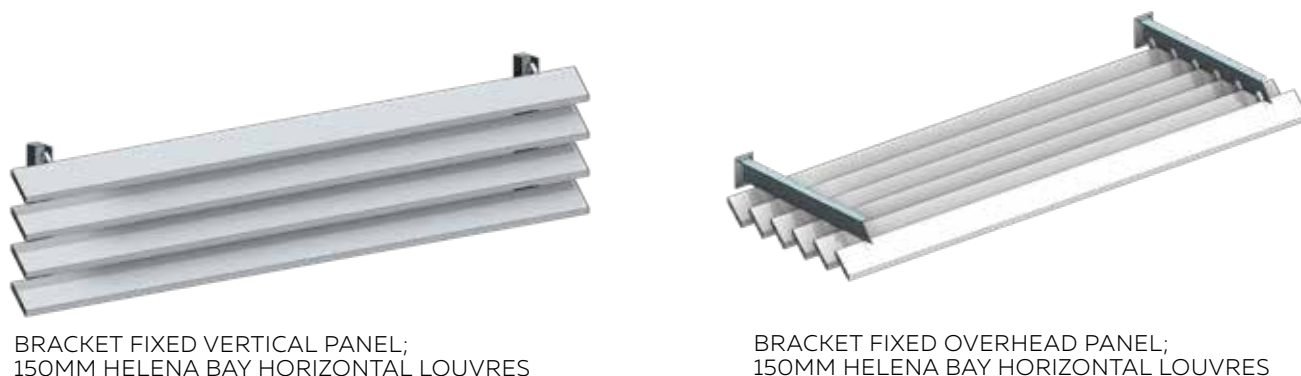
TYPICAL DETAIL 125MM WEATHERBOARD BRACKET FIXED - VERTICAL PANEL & OVERHEAD PANEL

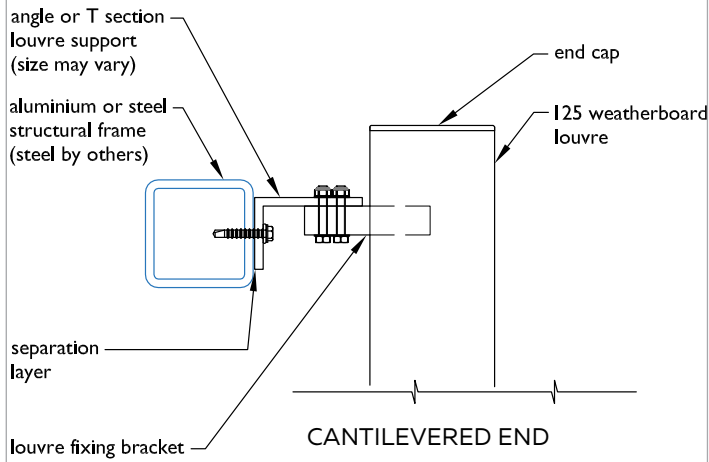
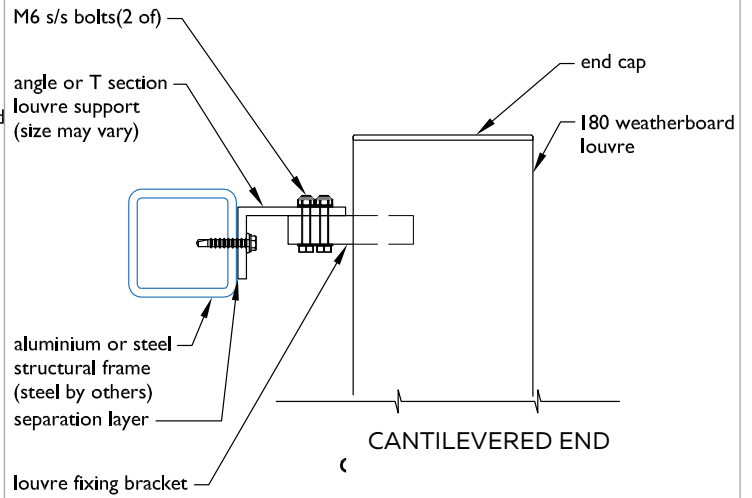
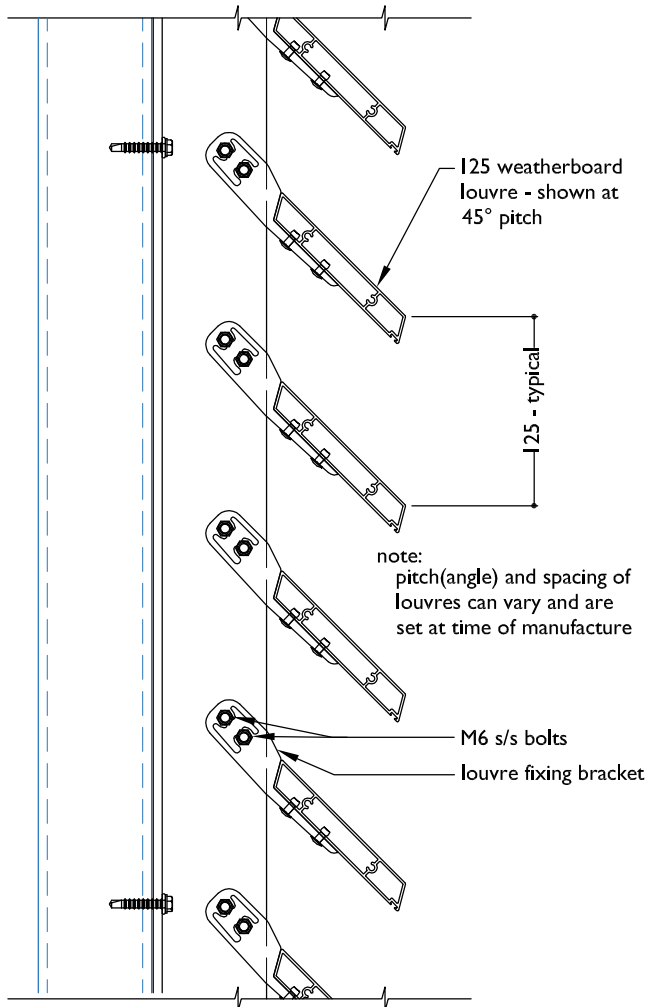
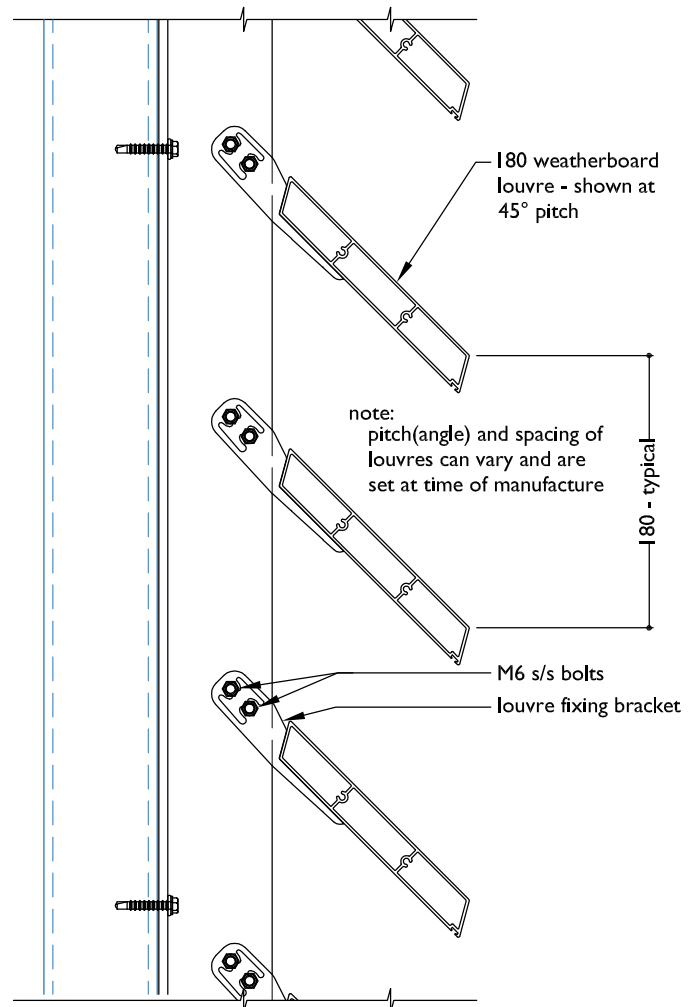


TYPICAL DETAIL 180MM WEATHERBOARD BRACKET FIXED PANEL - OVERHEAD PANEL



TYPICAL DETAIL 150MM HELENA BAY 45° FIXED WEATHERBOARD PANEL - BRACKET FIXED



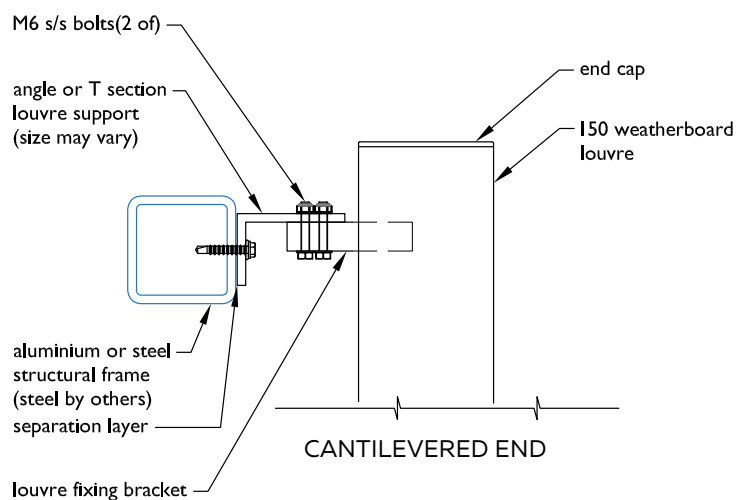
PLAN - BRACKET FIXED 125 WEATHERBOARD LOUVRE

PLAN - BRACKET FIXED 180 WEATHERBOARD LOUVRE

SECTION - BRACKET FIXED 125 WEATHERBOARD LOUVRE

SECTION - BRACKET FIXED 180 WEATHERBOARD LOUVRE


TYPICAL DETAIL : BRACKET FIXED PANEL

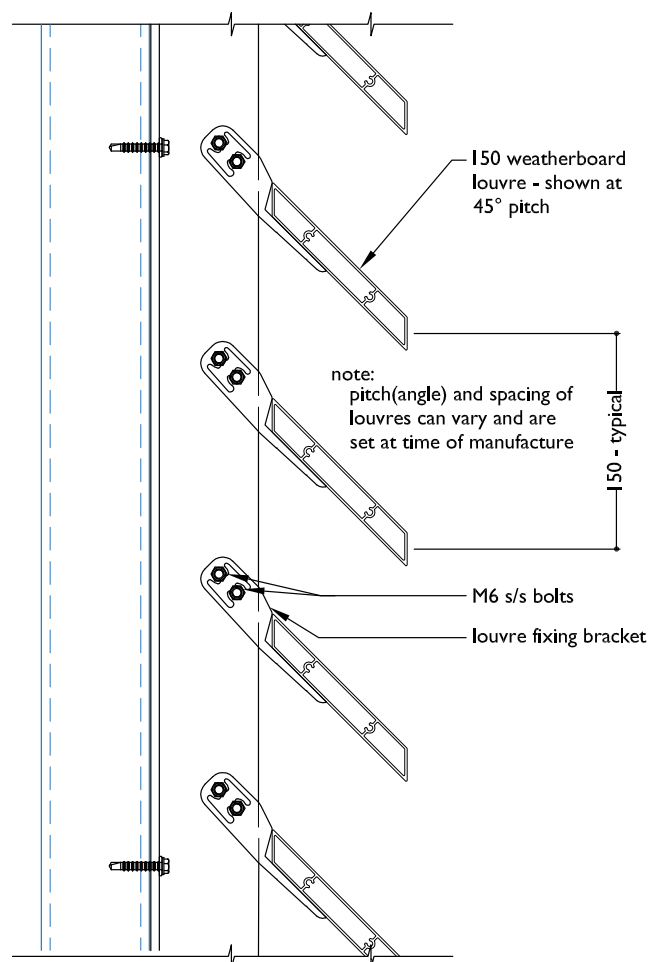
150MM HELENA BAY 45° FIXED WEATHERBOARD

(GROUP 5 LOUVRES COLLECTION)

PLAN - BRACKET FIXED 150MM HELENA BAY 45° WEATHERBOARD LOUVRE



SECTION - BRACKET FIXED 150MM HELENA BAY 45° WEATHERBOARD LOUVRE



SUN LOUVRES BRACKET FIXED
GROUP 6 LOUVRES

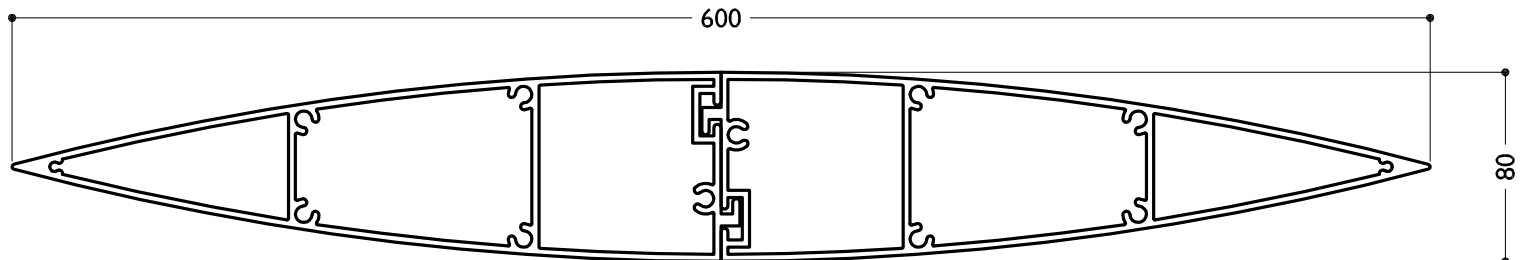
Largest Airfoil Shaped Louvre: 600MM MAXI LOUVRE

600MM MAXI LOUVRE

Largest Airfoil Louvre

The 600mm Maxi Louvre is the largest louvre in the range and while primarily used in large spanning commercial projects it has also been specified for residential use. A current trend being larger louvres specified in a wider range of applications.

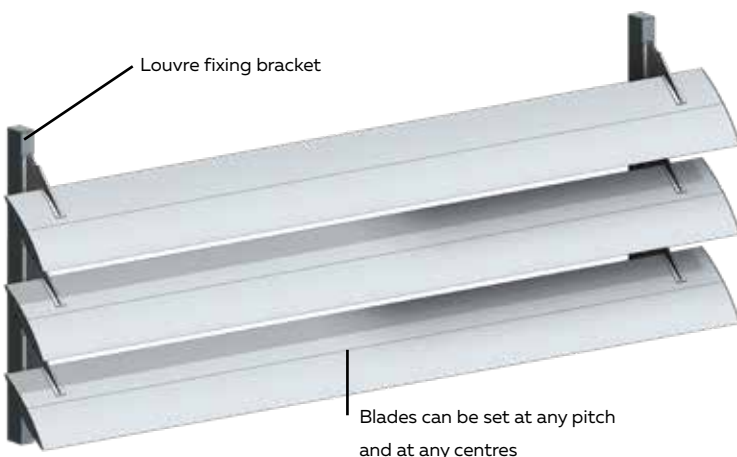
Available End fixed or Bracket fixed configurations.



REFER TECHNICAL DETAILS PAGE 10.4.32

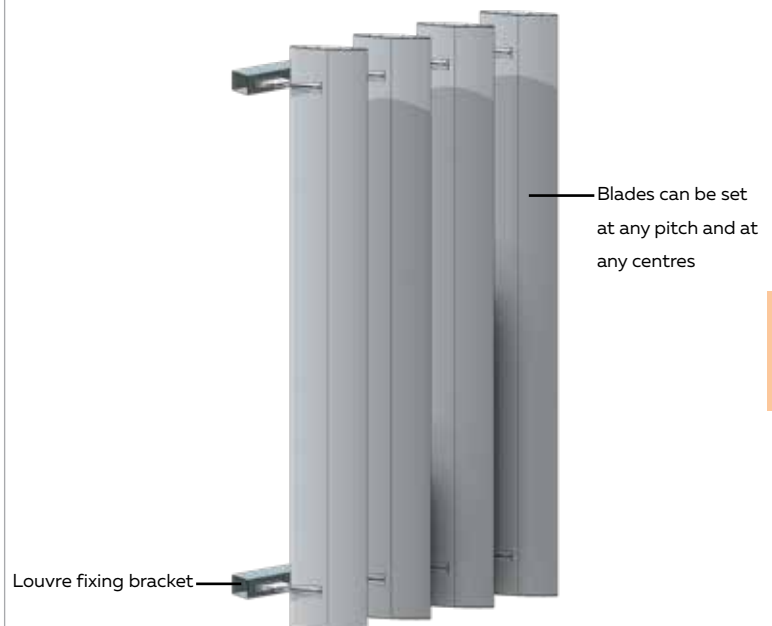
NTS

TYPICAL DETAIL: BRACKET FIXED VERTICAL PANEL 600MM MAXI LOUVRE - HORIZONTAL BLADES (GROUP 6 LOUVRE COLLECTION)



BRACKET FIXED VERTICAL PANEL - 600MM MAXI
HORIZONTAL LOUVRES

TYPICAL DETAIL: BRACKET FIXED VERTICAL PANEL 600MM MAXI LOUVRE - VERTICAL BLADES (GROUP 6 LOUVRE COLLECTION)

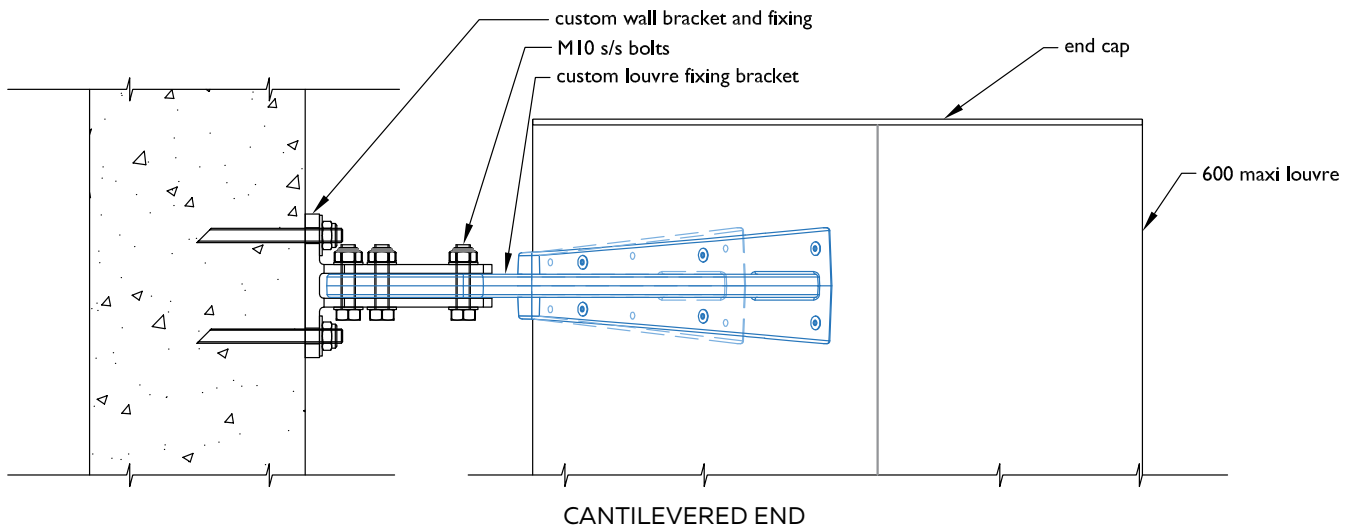


BRACKET FIXED VERTICAL PANEL - 600MM MAXI
VERTICAL LOUVRES

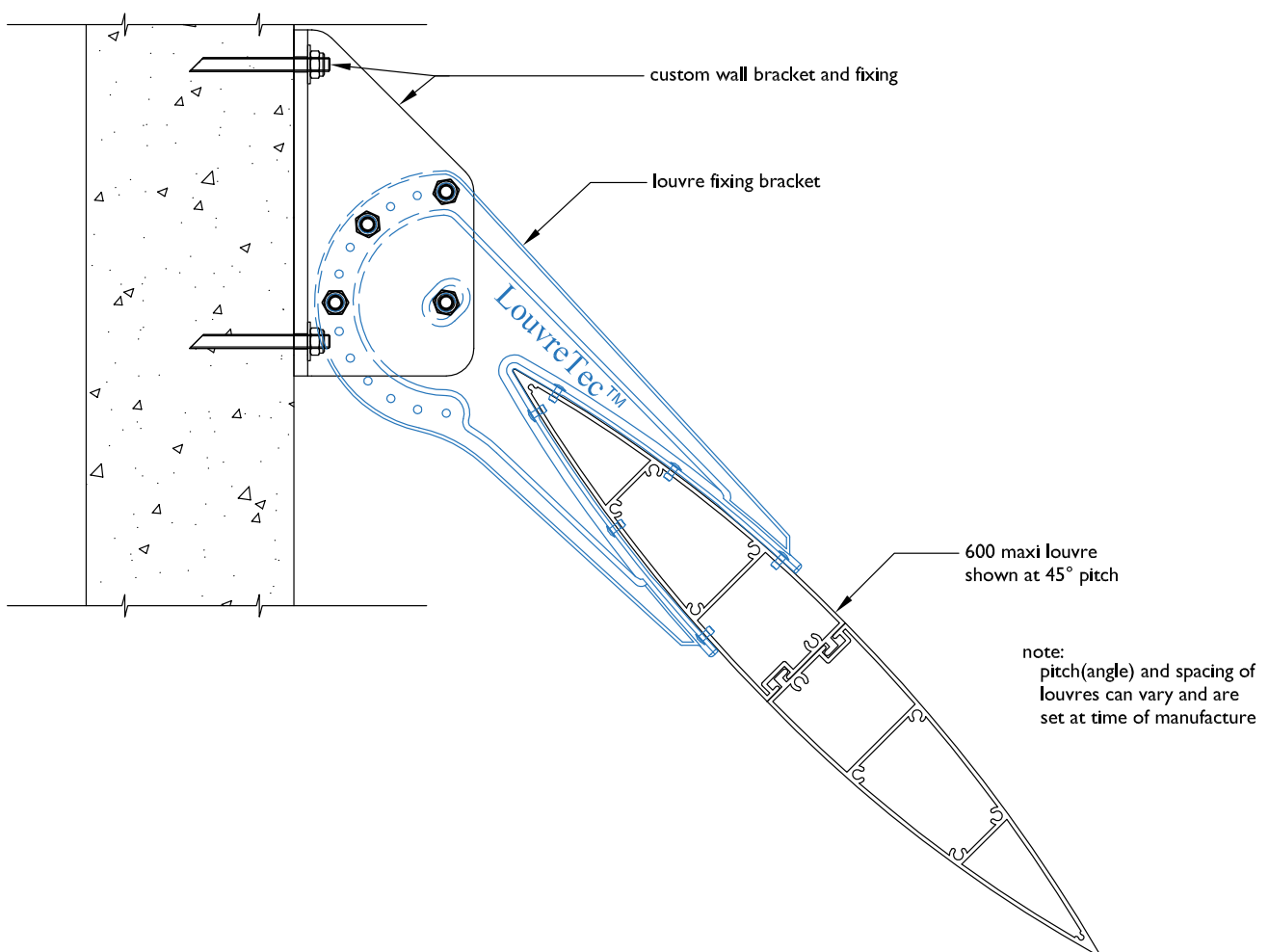
**TYPICAL DETAIL : BRACKET FIXED PANEL
600MM MAXI LOUVRE**

(GROUP 6 LOUVRES COLLECTION)

PLAN - BRACKET FIXED 600MM MAXI LOUVRE



SECTION - BRACKET FIXED 600MM MAXI LOUVRE

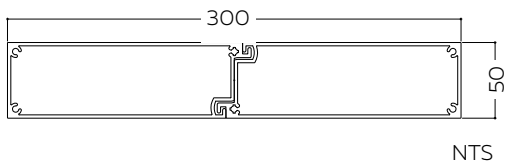


GROUP 7 LOUVRES

Rectangular RL300 SQUARE, RL450 SQUARE, RL600 SQUARE LOUVRES
Rectangular RL300 MITRE, RL450 MITRE, RL600 MITRE LOUVRES

RL300 SQUARE LOUVRE

Rectangular in length with square corners

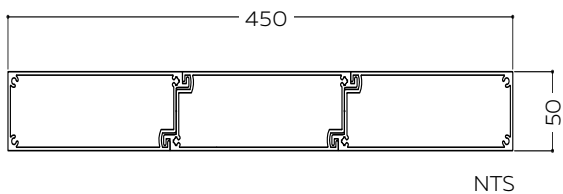


REFER TECHNICAL DETAILS PAGES 10.4.40



RL450 SQUARE LOUVRE

Rectangular in length with square corners

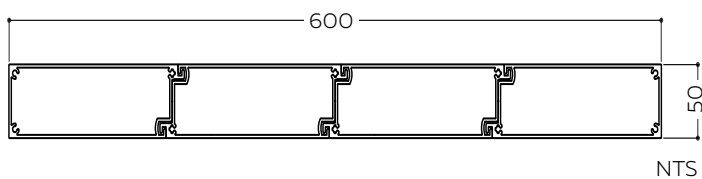


REFER TECHNICAL DETAILS PAGES 10.4.41

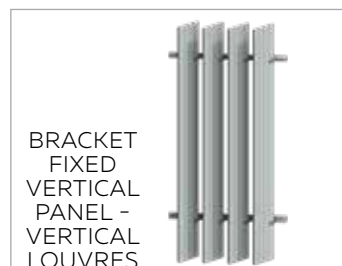


RL600 SQUARE LOUVRE

Rectangular in length with square corners



REFER TECHNICAL DETAILS PAGES 10.4.42

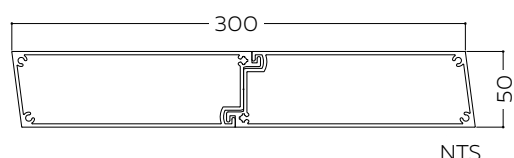


GROUP 7 LOUVRES

Rectangular RL300 SQUARE, RL450 SQUARE, RL600 SQUARE LOUVRES
Rectangular RL300 MITRE, RL450 MITRE, RL600 MITRE LOUVRES

RL300 MITRE LOUVRE

Rectangular in length with mitred corners



BRACKET FIXED
OVERHEAD PANEL -
HORIZONTAL LOUVRES

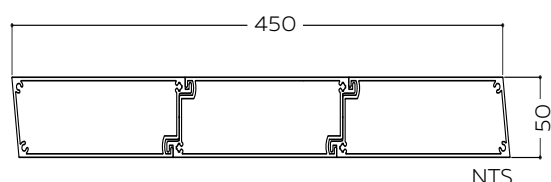


RL300 MITRE LOUVRE

REFER TECHNICAL DETAILS PAGES 10.4.40

RL450 MITRE LOUVRE

Rectangular in length with mitred corners



BRACKET FIXED
VERTICAL PANEL -
HORIZONTAL LOUVRES

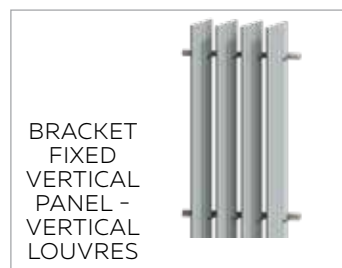
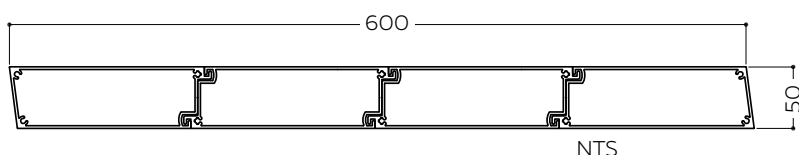


RL450 MITRE LOUVRE

REFER TECHNICAL DETAILS PAGES 10.4.41

RL600 MITRE LOUVRE

Rectangular in length with mitred corners

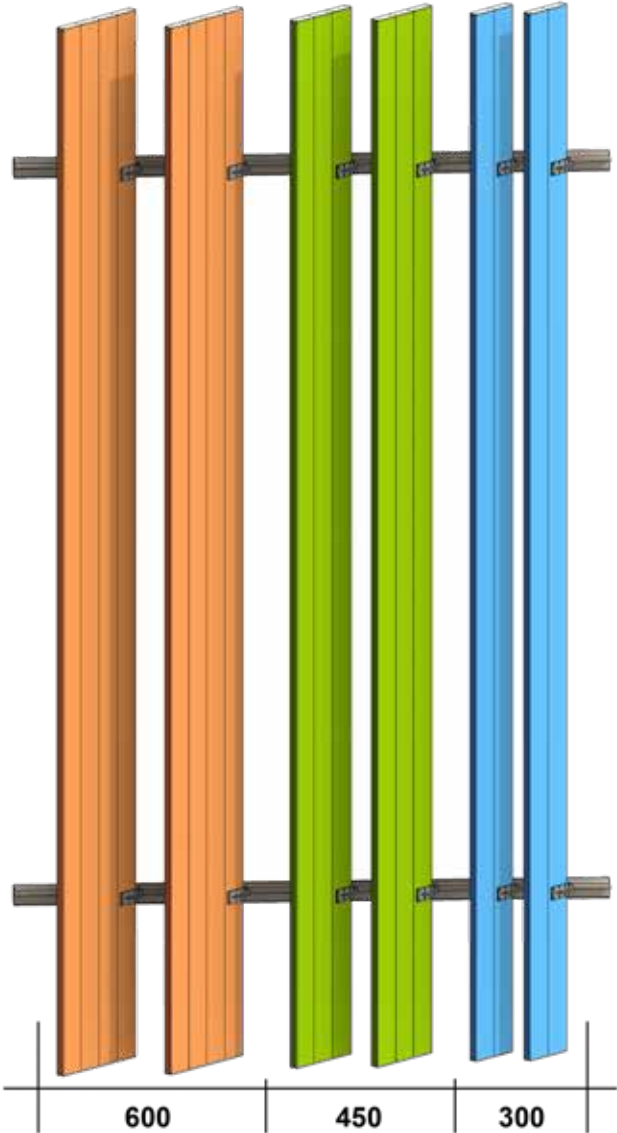


BRACKET
FIXED
VERTICAL
PANEL -
VERTICAL
LOUVRES



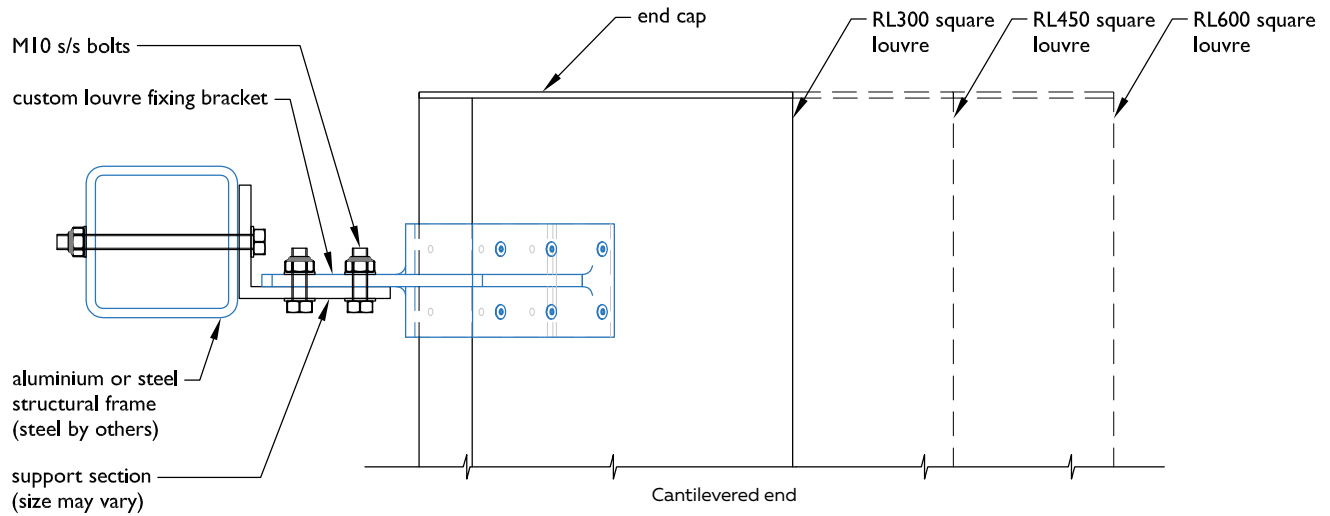
RL600 MITRE LOUVRE

REFER TECHNICAL DETAILS PAGES 10.4.42

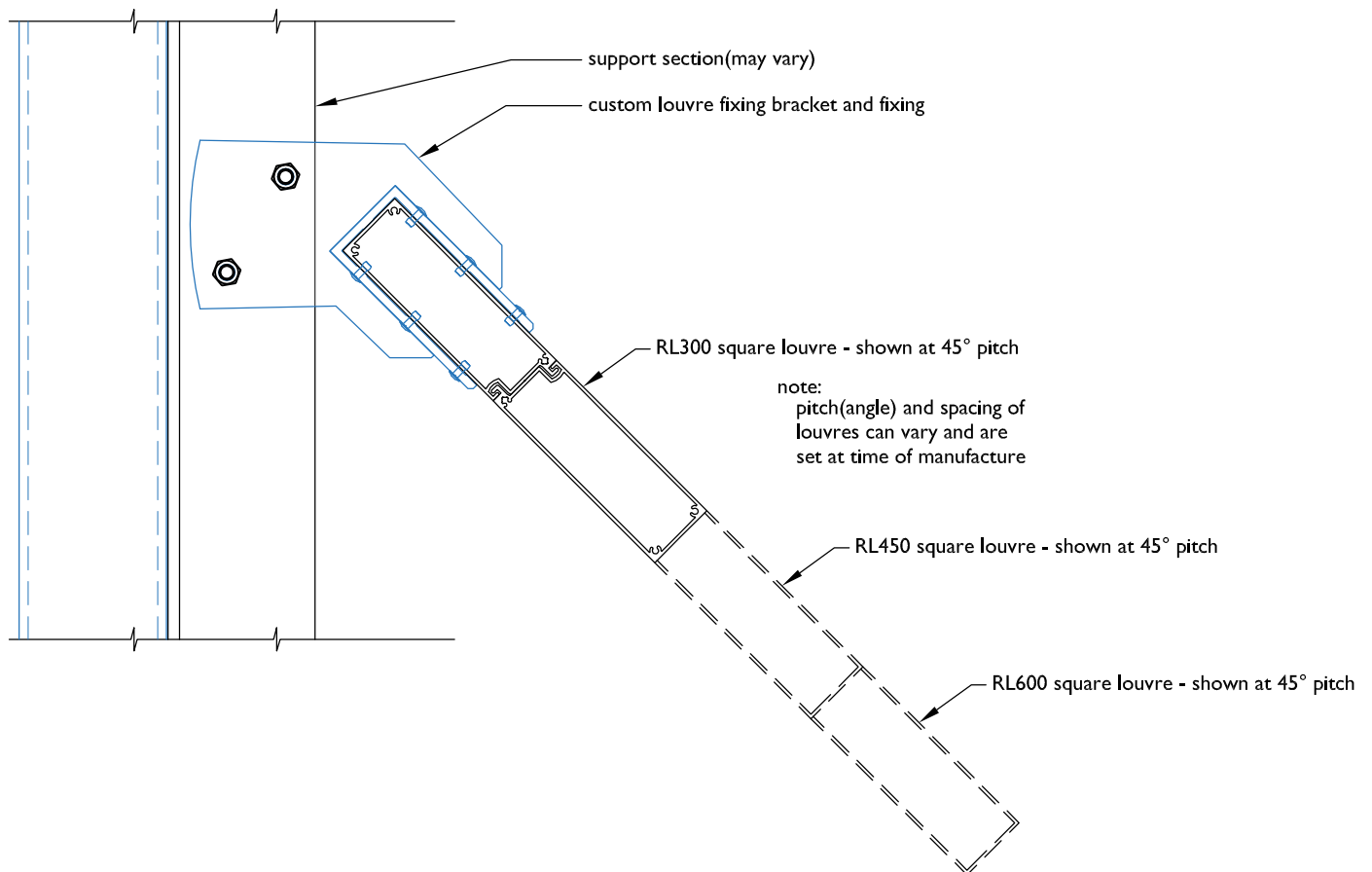


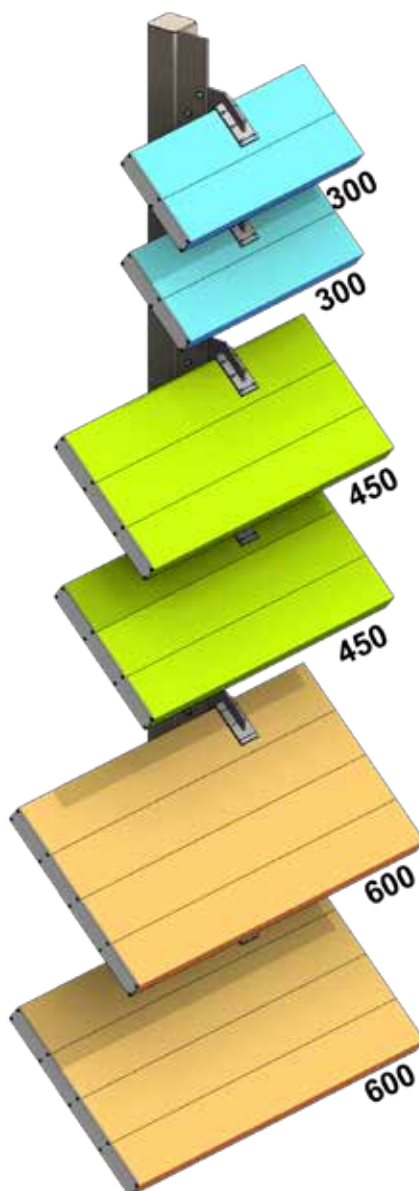
TYPICAL DETAIL : BRACKET FIXED PANEL
RL300 SQUARE, RL450 SQUARE, RL600 SQUARE LOUVRES (GROUP 7 LOUVRES COLLECTION)

PLAN - BRACKET FIXED RL 300/450/600 SQUARE LOUVRE



SECTION - BRACKET FIXED RL 300/450/600 SQUARE LOUVRE

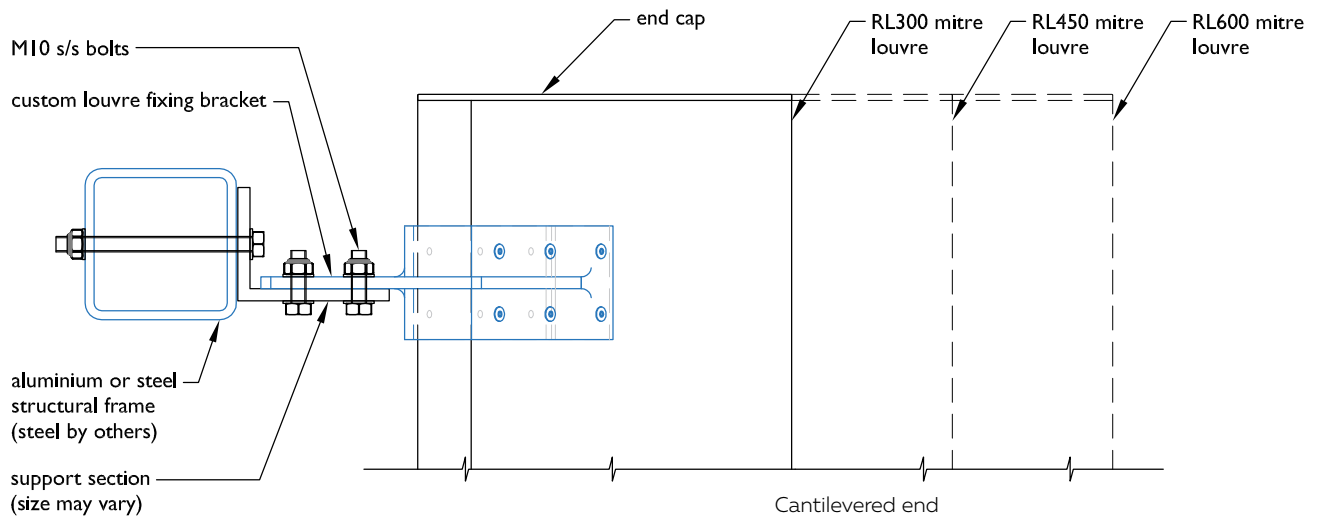




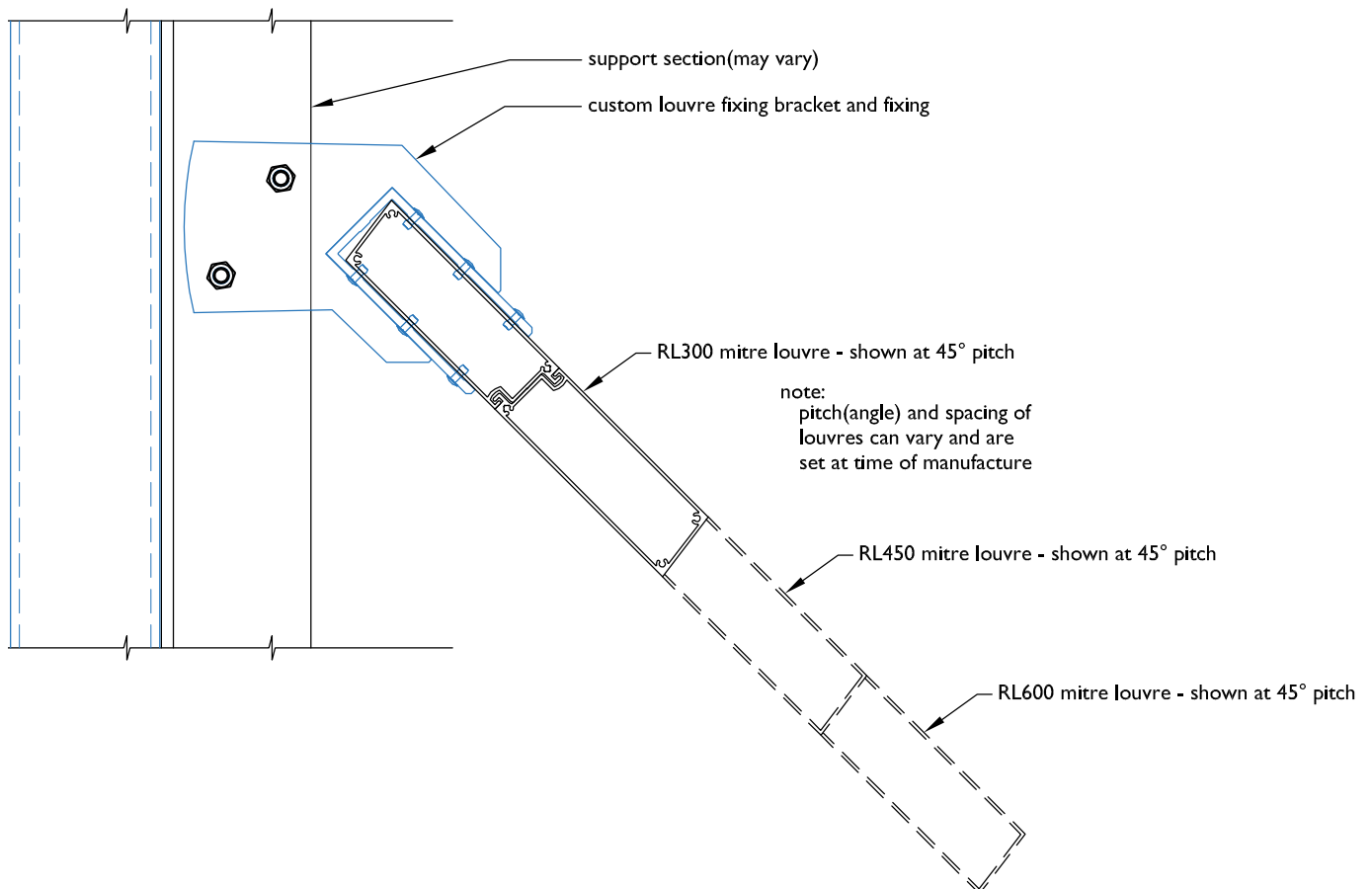
TYPICAL DETAIL : BRACKET FIXED PANEL

RL300 MITRE, RL450 MITRE, RL600 MITRE LOUVRES (GROUP 7 LOUVRES COLLECTION)

PLAN - BRACKET FIXED RL 300/450/600 MITRE LOUVRE



SECTION - BRACKET FIXED RL 300/450/600 MITRE LOUVRE



CHIMNEY SURROUNDS

The cherry on top

There are many options available when designing louvre chimney surrounds. The actual shape or footprint of the surround is largely dictated by the chimney itself.

Determine what size louvre blade will be best suited, both aesthetically and functionally. Wind flow through the louvre blades can assist with the actual venting of the chimney. The surround's support structure can be a combination of aluminium box section, angle or channel. Please discuss with Louvretec.



BRACKET FIXED CHIMNEY SURROUND
WITH MITRED CORNERS



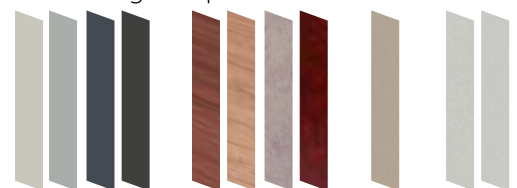
AUCKLAND, NZ



BRACKET FIXED CHIMNEY SURROUND WITH
MITRED CORNERS

SURFACE FINISHING OPTIONS

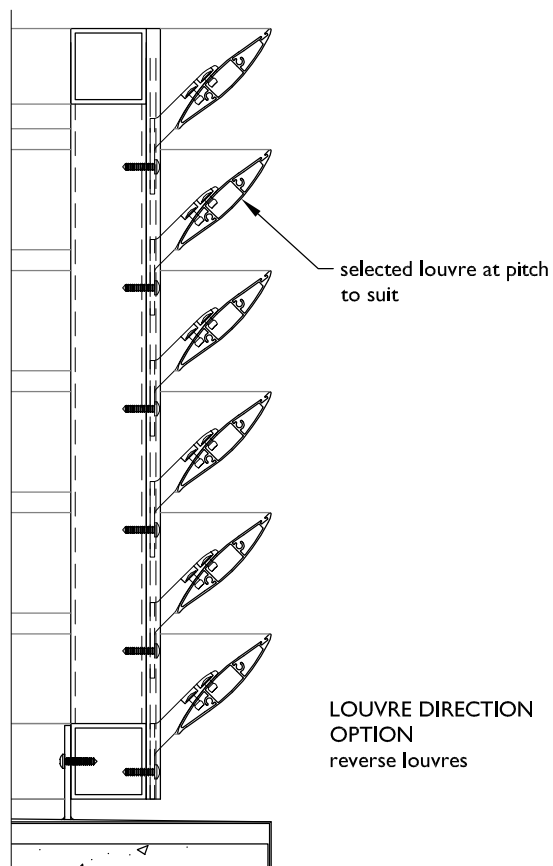
A wide range of options are available.



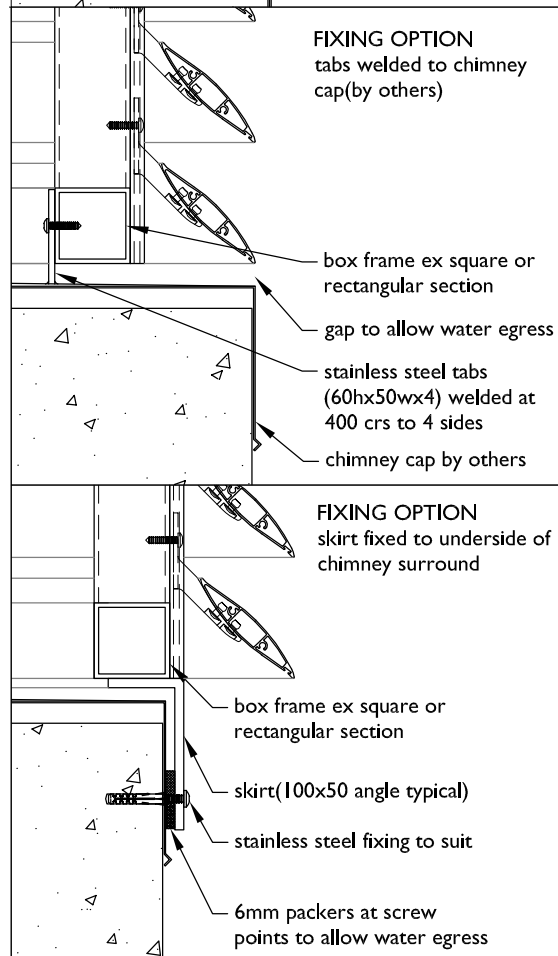
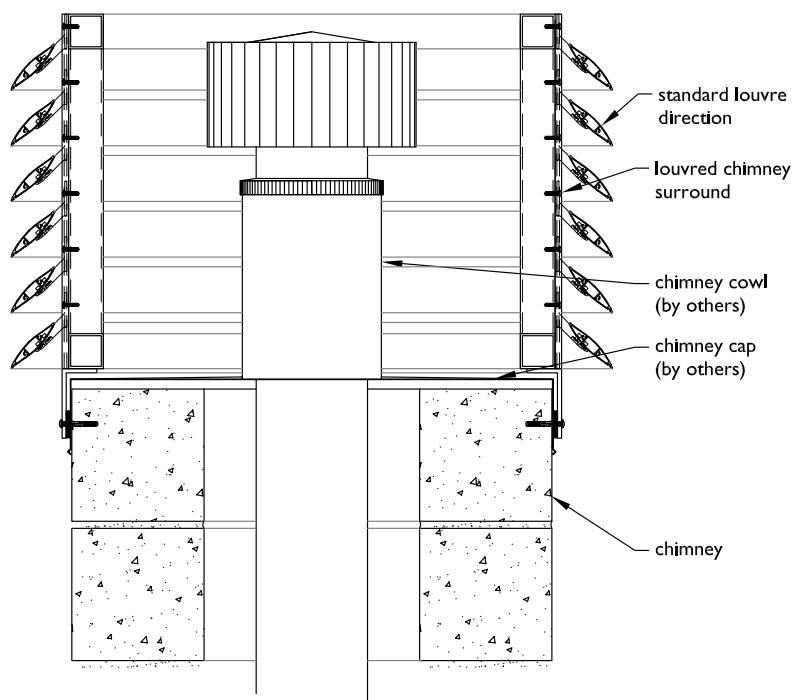
TYPICAL DETAIL: BRACKET FIXED LOUVRE CHIMNEY SURROUND



STANDARD LOUVRE DIRECTION SHOWN



SECTION- BRACKET FIXED LOUVRE CHIMNEY SURROUND



NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.