

sun louvres

By Louvretec



KISS PIVOT SUN LOUVRES



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SUN LOUVRES KISS PIVOT GALLERY



1. 95MM BELLA VISTA LOUVRE 2. 150MM KISS PIVOT LOUVRE, DARK RIVERWOOD 3. 90MM LOUVRE BLADE SHUTTERS 4. 95MM BELLA VISTA HEAVY SHUTTERS

MINIMUM - MAXIMUM BLADE SPANS AT A GLANCE AS DETERMINED BY WIND SPEED. REFER TO SECTION 13 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 KISS PIVOT SUN LOUVRES

Kiss Pivot System

TYPE/COLLECTION	LOUVRE STYLE	MAXIMUM SPANS
AIRFOIL LOUVRE BLADES	 90MM MIDI LOUVRE	1400MM  2000MM 
	 150MM MIDI LOUVRE	1900MM  2750MM 
	 95MM BELLA VISTA	1450MM  2100MM 
		 95MM BELLA VISTA HEAVY

Proven reliability

KISS Pivot sun louvres feature a clean uncluttered style easily hand-operated by full length snug fitting double drive-arms.





DRIVE SYSTEM: KISS PIVOT

Kiss Pivot Sun Louvres

Choose from two Airfoil and two Rectangular louvre blades.



90MM SLIDING SHUTTERS USING KISS PIVOT DRIVE SYSTEM



KISS PIVOT - 95MM BELLA VISTA RECTANGULAR LOUVRE PANEL



KISS PIVOT LOUVRES IN SLIDING PANEL

Ease of Operation

- The KISS Pivot system is elegant and simple, tried and true and well proven in the market place.
- An easy to operate, well proven Sun Louvre pivot system.
- Operates off double drive-arms that can be locked closed or in various open positions.
- Offers fully adjustable louvres at little more than fixed louvre prices.
- Ideal as a stand-alone panel or used within Sliding, Bifolding and Hinged doors.
- KISS Pivot louvres allow for greater versatility and design options when considering hand adjustable louvres.
- A flush fitting stainless steel Slidelock provides locking points at fully closed, 45°, 90° and 135°
- Each blade has a woolpile closing strip to ensure snug rattle free closing.
- Functional, reliable operable louvre design.

SURFACE FINISHING OPTIONS

A wide range of options are available.

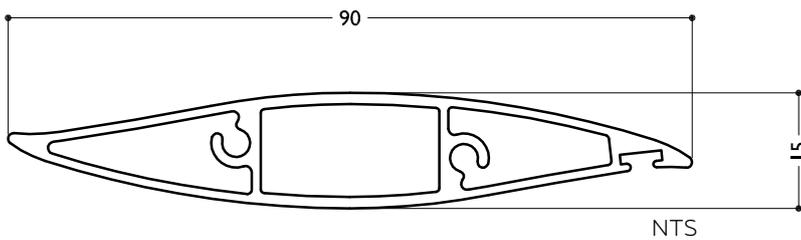


HAND OPERABLE KISS PIVOT LOUVRES

Compatible Louvres: 90 Airfoil, 150 Midi

90MM MIDI LOUVRE

Small to medium size



90MM AIRFOIL LOUVRE



The 90mm Midi Louvre is similar to the 'wave' shape of the 150mm blade & is a perfect mix of compact width with good spans. This blade can be hand operated using the KISS Pivot system. The blades can be locked closed or in a number of opening positions. A woolpile closing insert ensures a snug fit when closed.

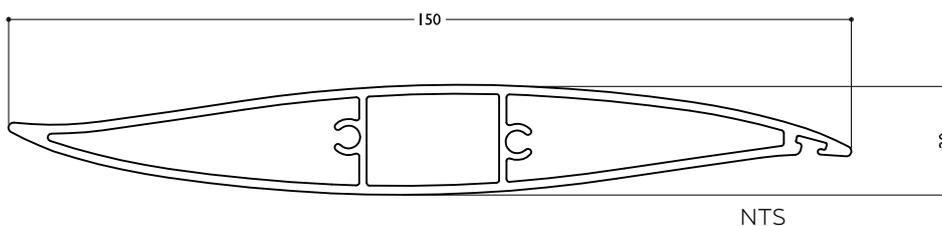
The 90mm Midi Louvre is well suited fixed within an opening or within sliding, bi-folding or hinged doors.

Also available end and bracket fixed.

REFER TECHNICAL DETAILS PAGE 10.1.06

150MM MIDI LOUVRE

Wave shaped blade



150MM AIRFOIL LOUVRE



The 150mm Midi is the largest of the 'wave' shape group of louvres.

The wider blade spans well and is ideal for closing off decks and verandah spaces. This versatile louvre is available in both Spiral (motorised and hand operable) and KISS (hand adjustable) Pivot systems. KISS Pivot louvres are hand operated and can be locked closed in various opened positions.

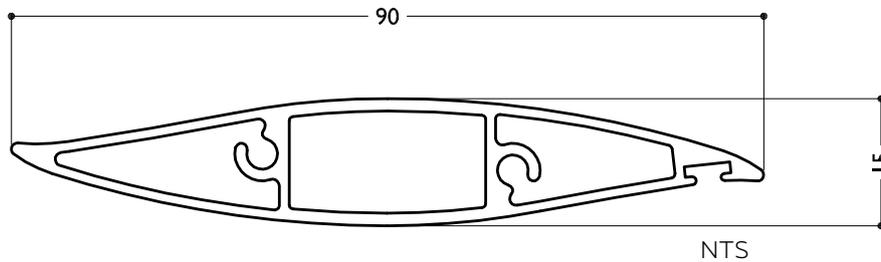
A woolpile closing insert ensures a snug fit when closed. This blade is well suited fixed within an opening or within sliding, bifolding or hinged doors. Also available end and bracket fixed.

REFER TECHNICAL DETAILS PAGE 10.1.07

SUN LOUVRES KISS PIVOT



BLADE SPECIFICATIONS 90MM AIRFOIL LOUVRE



BLADE SPECIFICATIONS			
Blade cover - opening system	80 mm	Weight per linear metre - opening system	0.75 kg/lm
Weight per square metre - opening system	9.38 kg/sqm	Actual blade width	90 mm
Blade centres - opening system	80 mm		

SPANS AT A GLANCE

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	32 m/s 115 km/hr	37m/s 133 km/hr	44 m/s 158 km/hr	50 m/s 179 km/hr	55 m/s 198 km/hr
Adjustable & Fixed, Horizontal & Vertical	2350	2000	1850	1600	1500	140

INSTALLATION OPTIONS

CALCULATE OPTIMUM FRAME OPENING SIZES FOR KISS PIVOT



Width: Check engineering limits

Height: Calculation example showing 17 blades

STEP 1

16 blades x 80	1280
1 blade at 90	+90
17 blades	=1370

STEP 2

Blade cover	1370
+ top and bottom closing angles allow for	
16mm + 16mm	32

Total exact opening height= 1402*

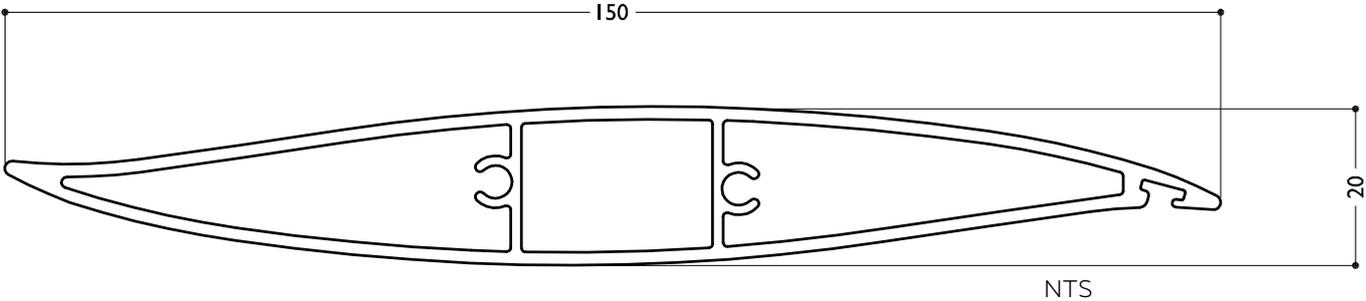
*This is inside measure - not outer frame size



KISS PIVOT SYSTEM - 90MM MIDI LOUVRE PANEL



BLADE SPECIFICATIONS 150MM MIDI LOUVRE



BLADE SPECIFICATIONS			
Blade cover - opening system	138 mm	Weight per linear metre - opening system	1.47 kg/lm
Weight per square metre - opening system	10.7 kg/sqm	Actual blade width	150 mm

SPANS AT A GLANCE

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	32 m/s 115 km/hr	37m/s 133 km/hr	44 m/s 158 km/hr	50 m/s 179 km/hr	55 m/s 198 km/hr
Adjustable & Fixed, Horizontal & Vertical	2900	2750	2500	2200	2000	1900

INSTALLATION OPTIONS

CALCULATE OPTIMUM FRAME OPENING SIZES FOR KISS PIVOT



Width: Check engineering limits
Height: Calculation example showing 17 blades

STEP 1

16 blades x 138	2208
1 blade at 150	+ 150
17 blades	= 2358

STEP 2

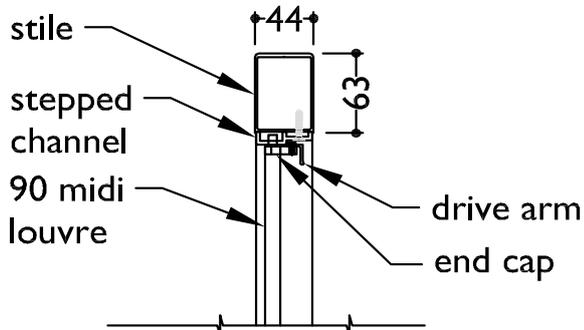
Blade cover	2358
+ top and bottom closing angles allow for	
21mm + 21mm	+ 42
Total exact opening height	=2400*

*This is inside measure - not outer frame size

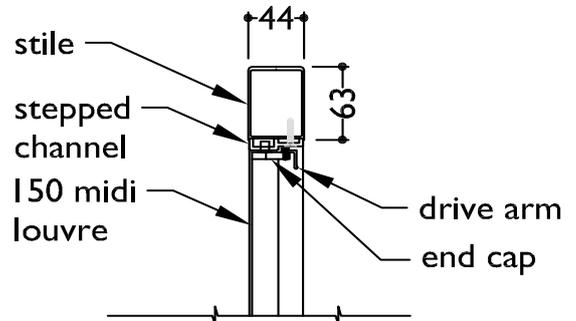


KISS PIVOT SYSTEM - 150MM MIDI LOUVRE PANEL

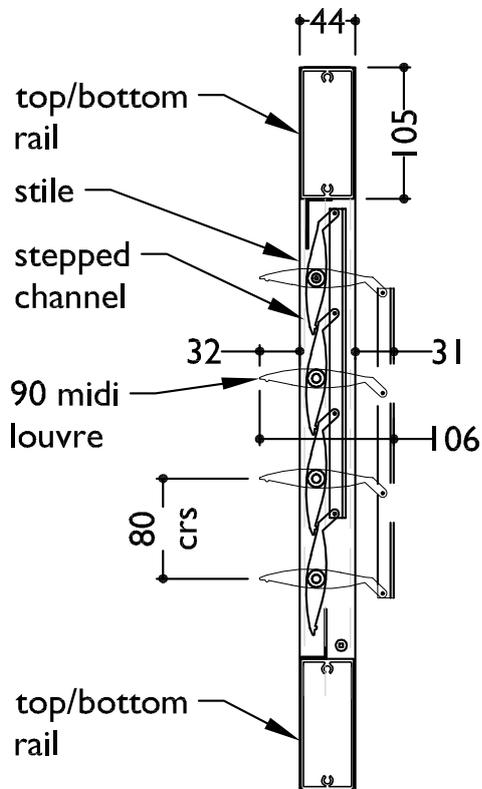
90MM KISS PIVOT FITTING INTO DOOR FRAME



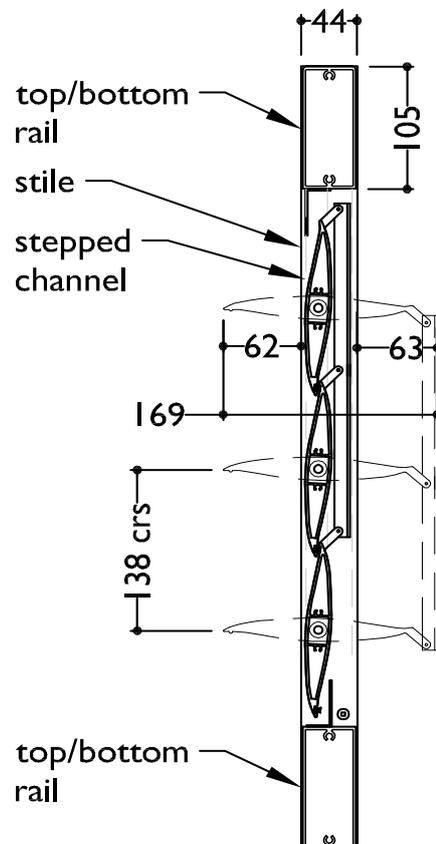
150MM KISS PIVOT FITTING INTO DOOR FRAME



CROSS SECTION - DOOR PANEL SIDE ELEVATION



CROSS SECTION - DOOR PANEL SIDE ELEVATION

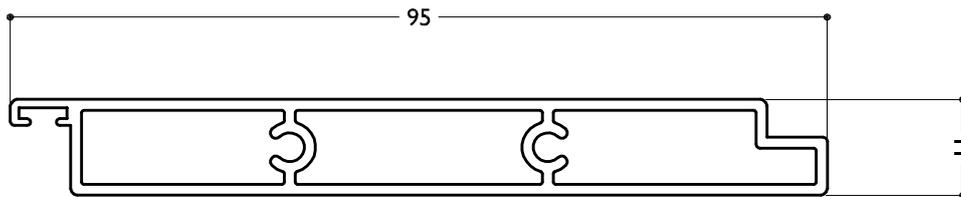


HAND OPERABLE KISS PIVOT LOUVRES

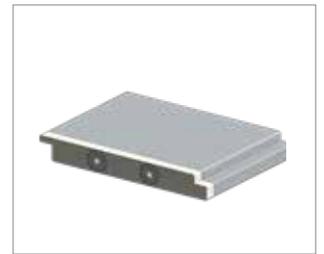
Compatible Louvres: 95 Bella Vista, 95 Bella Vista Heavy

95MM BELLA VISTA

Rectangular option for infills



95MM BELLA VISTA



The Bella Vista family of two louvre blades is available in standard or heavy versions and offers a rectangular option to the 90mm KISS Midi Louvre.

Available as a hand operated KISS Pivot system and offering the advantages of fully adjustable louvres at little more than fixed louvre prices.

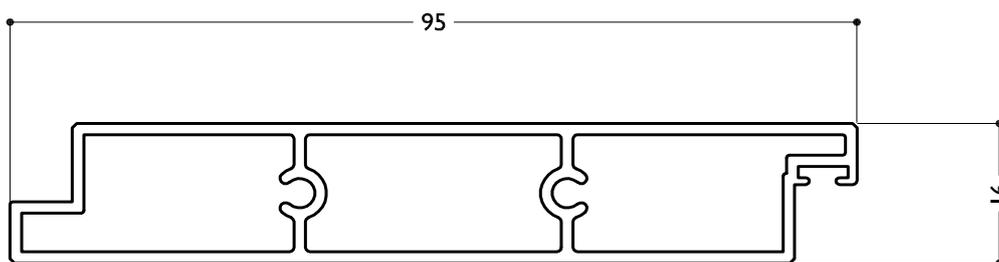
The rectangular blades close onto a woolpile strip and sit flush when closed giving a pleasing contrast to traditional shaped louvres. Particularly well suited to hinged or sliding shutters.

Also available end fixed.

REFER TECHNICAL DETAILS PAGE 10.1.10

95MM BELLA VISTA HEAVY

Ideal for exposed locations



95MM BELLA VISTA HEAVY



The Bella Vista family of two louvre blades is available in standard or heavy versions and offers a rectangular option to the 90mm KISS Midi Louvre.

Bella Vista Heavy is a hand operated KISS Pivot system and shares all the characteristics of the 95mm Bella Vista.

Designed to incorporate increased spanning capability this blade out performs all other louvres in its class and is particularly well suited to exposed locations.

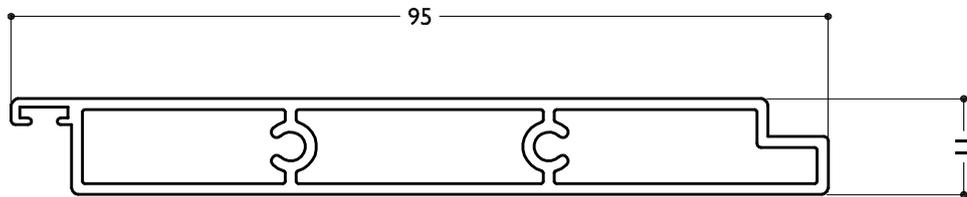
Also available end fixed.

REFER TECHNICAL DETAILS PAGE 10.1.11

SUN LOUVRES KISS PIVOT



BLADE SPECIFICATIONS 95MM BELLA VISTA



NTS

BLADE SPECIFICATIONS			
Blade cover - opening system	90 mm	Weight per linear metre - opening system	0.68 kg/lm
Weight per square metre - opening system	7.55 kg/sqm	Actual blade width	95 mm
Blade centres - opening system	90 mm		

SPANS AT A GLANCE

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	32 m/s 115 km/hr	37m/s 133 km/hr	44 m/s 158 km/hr	50 m/s 179 km/hr	55 m/s 198 km/hr
Adjustable & Fixed, Horizontal & Vertical	2550	2100	1900	1700	1550	1450

INSTALLATION OPTIONS

CALCULATE OPTIMUM FRAME OPENING SIZES FOR KISS PIVOT



Width: Check engineering limits

Height: Calculation example showing 17 blades

STEP 1

16 blades x 90	1440
1 blade at 95	+ 95
17 blades	= 1535

STEP 2

Blade cover	1535
+ top and bottom closing angles allow for	
16mm + 16mm	+ 32
Total exact opening height =	1567*

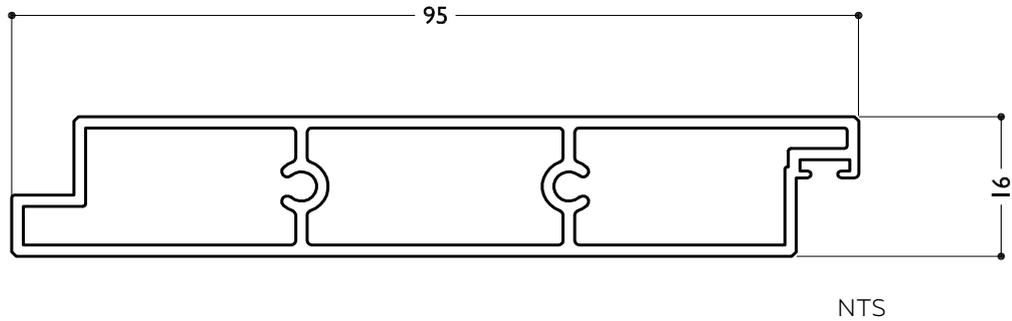
*This is inside measure - not outer frame size



95MM BELLA VISTA KISS PIVOT PANEL



BLADE SPECIFICATIONS 95MM BELLA VISTA HEAVY



BLADE SPECIFICATIONS			
Blade cover - opening system	90 mm	Weight per linear metre - opening system	0.91 kg/lm
Weight per square metre - opening system	10.1 kg/sqm	Actual blade width	95 mm
Blade centres - opening system	90 mm		

SPANS AT A GLANCE

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	32 m/s 115 km/hr	37m/s 133 km/hr	44 m/s 158 km/hr	50 m/s 179 km/hr	55 m/s 198 km/hr
Adjustable & Fixed, Horizontal & Vertical	3000	2800	2550	2250	2050	1900

INSTALLATION OPTIONS

CALCULATE OPTIMUM FRAME
OPENING SIZES FOR KISS PIVOT



Width: Check engineering limits

Height: Calculation example showing 17 blades

STEP 1

16 blades x 90	1440
1 blade at 95	+ 95
17 blades	= 1535

STEP 2

Blade cover	1535
+ top and bottom closing angles allow for	
16mm + 16mm	+ 32
Total exact opening height =	1567*

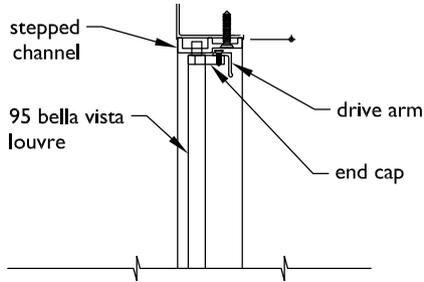
*This is inside measure - not outer frame size



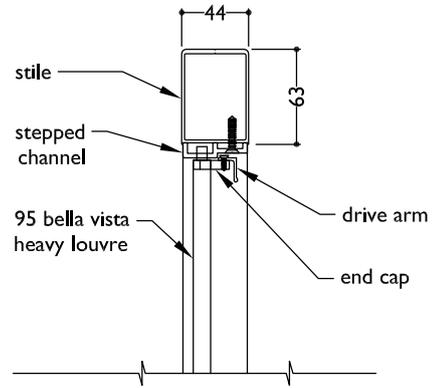
95MM BELLA VISTA HEAVY KISS PIVOT PANEL

TYPICAL DETAIL : KISS PIVOT
95MM BELLA VISTA & 95MM BELLA VISTA HEAVY

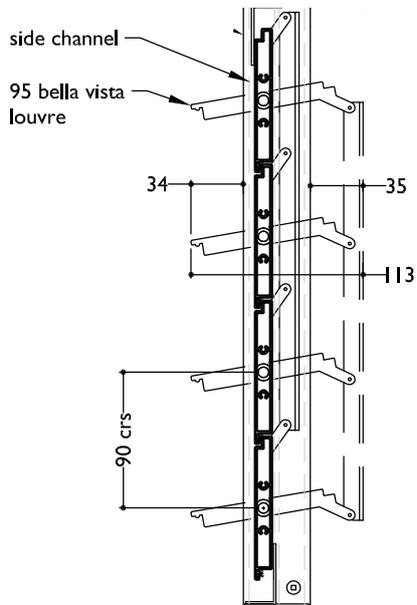
CROSS SECTION PLAN VIEW 95MM BELLA VISTA
 KISS PIVOT FITTING WITHIN AN OPENING



CROSS SECTION PLAN VIEW
 95 BELLA VISTA HEAVY KISS PIVOT IN DOOR PANEL



CROSS SECTION - DOOR PANEL SIDE ELEVATION
 BELLA VISTA KISS PIVOT FITTING WITHIN AN
 OPENING



CROSS SECTION - SIDE ELEVATION
 95 BELLA VISTA HEAVY KISS PIVOT IN DOOR
 PANEL

