

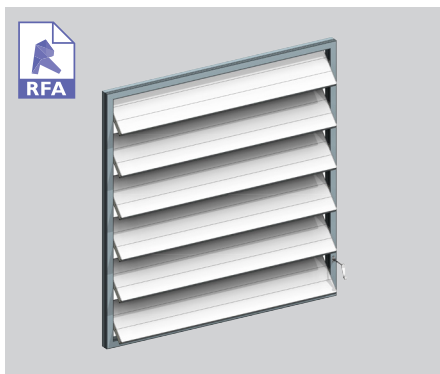
PRODUCT OVERVIEW RL 450 SQUARE LOUVRE



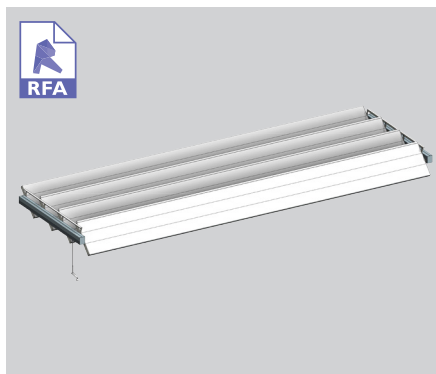
RL 450 SQUARE LOUVRE

rectangular louvre

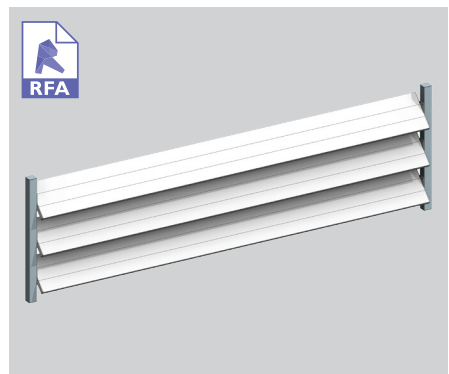
Introducing Louvretec's new range of Rectangular Louvres (RL). The RL 450 Square is one of six large rectangular shaped louvres designed to meet demand for large custom louvre systems. Two blade shapes are available - the traditional square end or mitred to a 7° angle as per its partner blade the RL 450 Mitre (see over pg). Both RL 450 louvres can be Maxi-Drive motorised, end or bracket fixed. The specific design and engineering of the Maxi-Drive, end & bracket fixing systems ensures a clean, uncluttered appearance & outstanding spanning capabilities. For both commercial and residential applications.



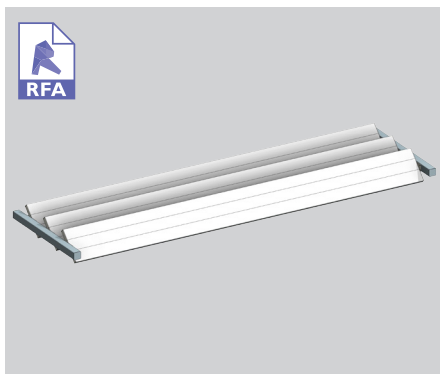
OPERABLE OPTION - MAXI-DRIVE PIVOT SYSTEM



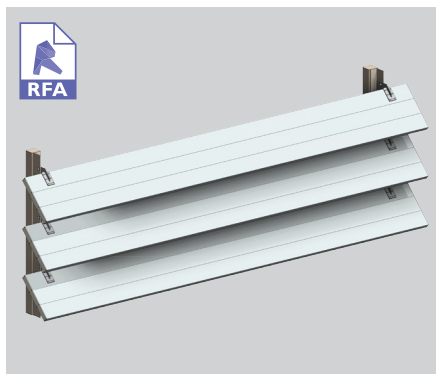
OPERABLE OPTION - MAXI-DRIVE PIVOT SYSTEM HAND OP.



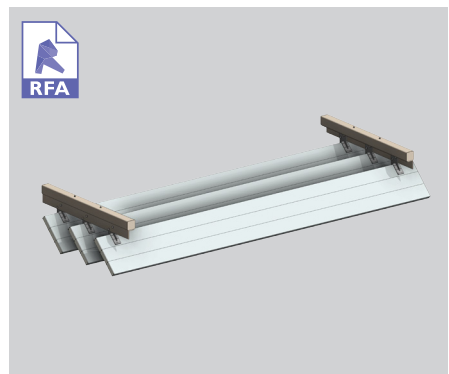
END FIXED - VERTICAL PANEL



END FIXED - HORIZONTAL OVERHEAD



BRACKET FIXED - VERTICAL PANEL



BRACKET FIXED - HORIZONTAL OVERHEAD 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



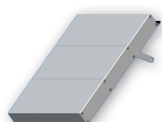
LOUVRETEC
GEARBOX



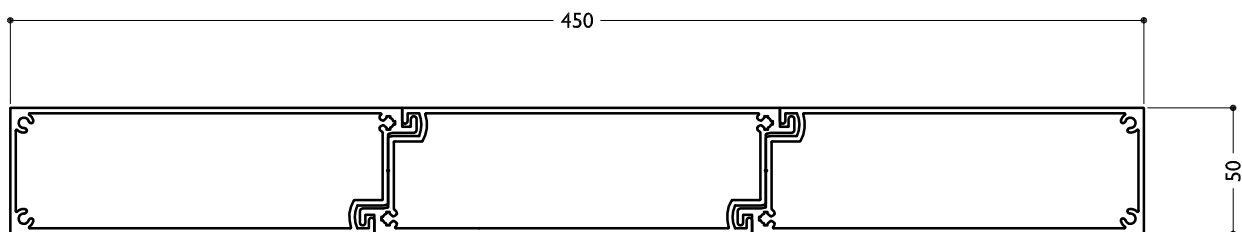
HOME MOTION by
somfy

MOTORS AND SENSORS

SUN LOUVRES - RECTANGULAR SPECIFICATIONS



TECHNICAL DETAILS RL 450 SQUARE LOUVRE



scale 1:3

BLADE SPECIFICATIONS			
Blade cover - opening system	457 mm	Weight per lineal metre	8.27 kgm
Weight per square metre - opening system	18.5 sqm	Actual blade width	450 mm
Blade Centres - opening system	457 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 Vertical and Horizontal	5800	5800	5800	5150	4500	4050

INSTALLATION OPTIONS



MAXI DRIVE SYSTEM: CALCULATE OPTIMUM FRAME OPENING SIZES

Width: Check engineering limits

Height: Calculation example showing 10 blades

9 blades x 457	4113
1 blade at 450	450
10 blades	= 4563



END FIXED

Louvres at any pitch

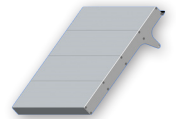
Louvres at any centre



BRACKET FIXED

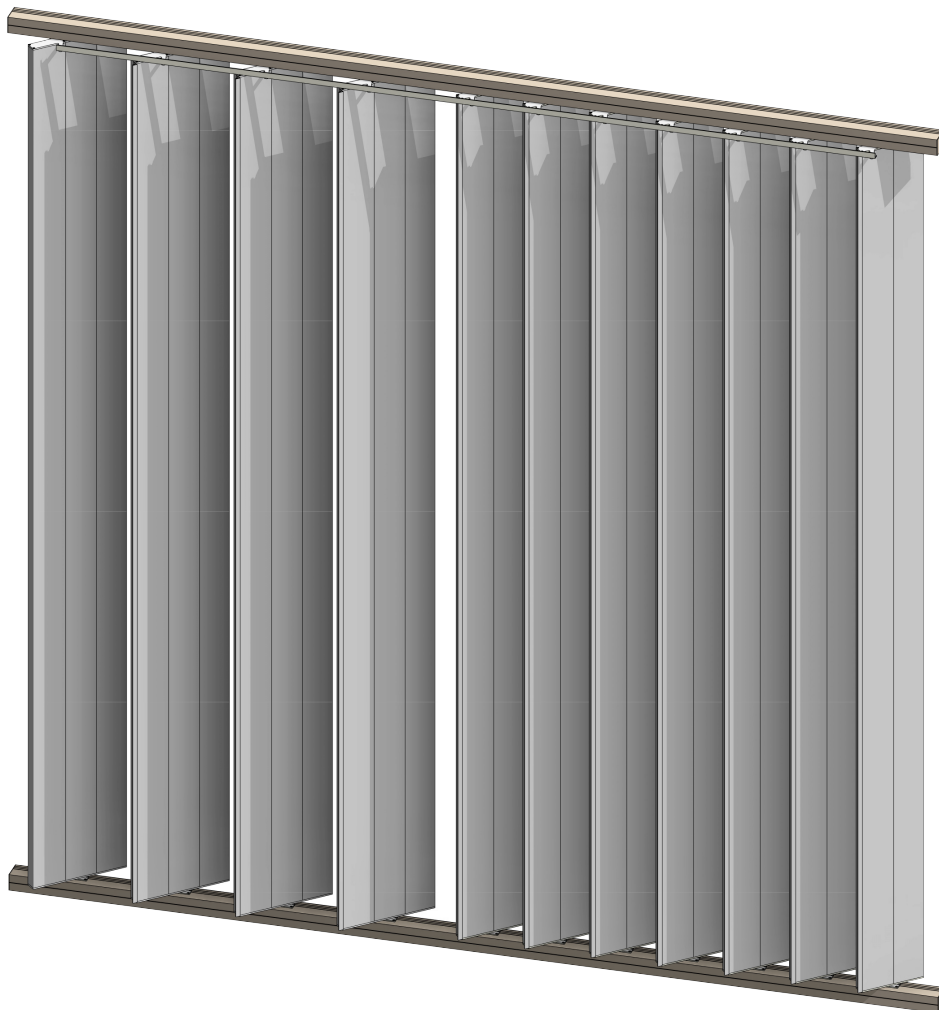
Louvres at any pitch

Louvres at any centre



PRODUCT DETAILS RL 300 & RL 450 SQUARE MOTORISED MAXI DRIVE LOUVRES

TYPICAL DETAIL 3D FILE RL 300 & RL 450 SQUARE MOTORISED MAXI DRIVE LOUVRES

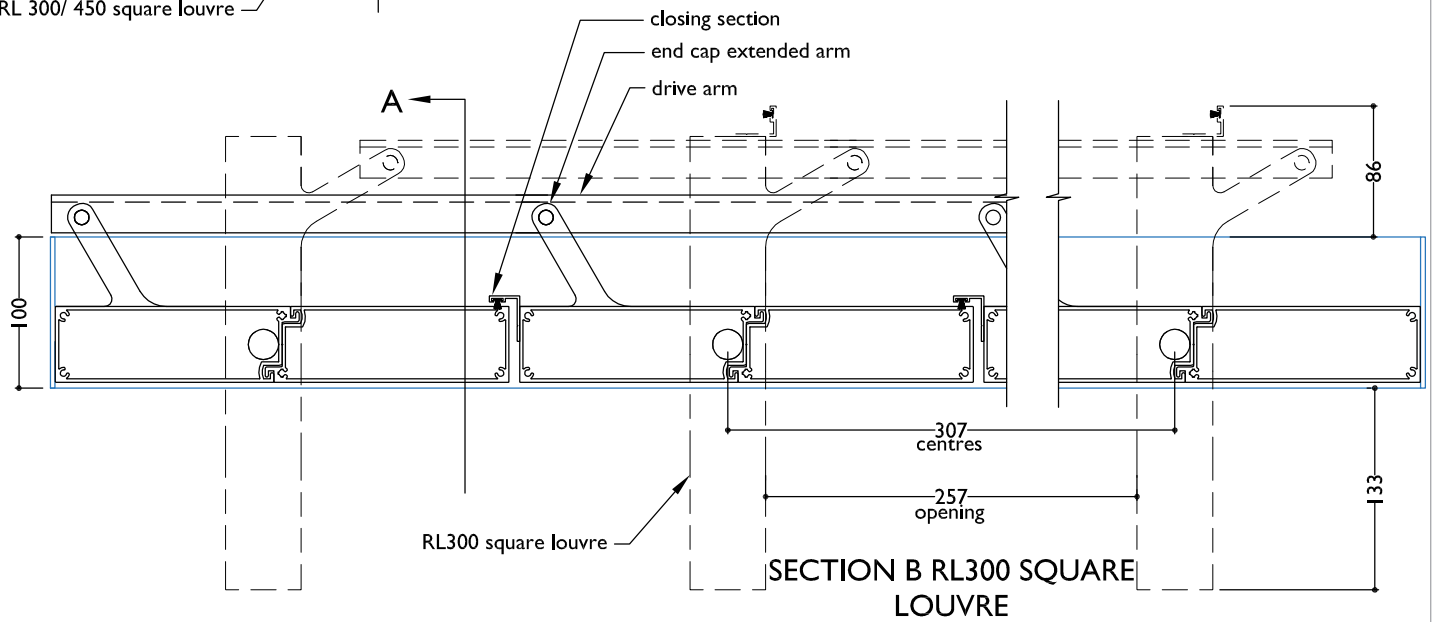
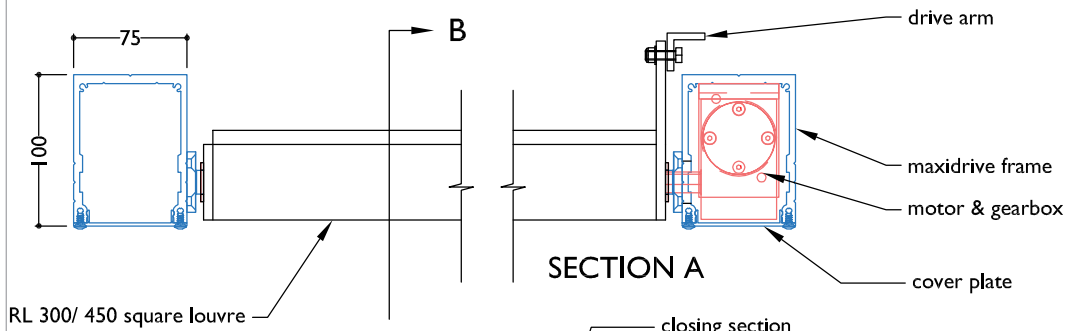


RL450 SQUARE

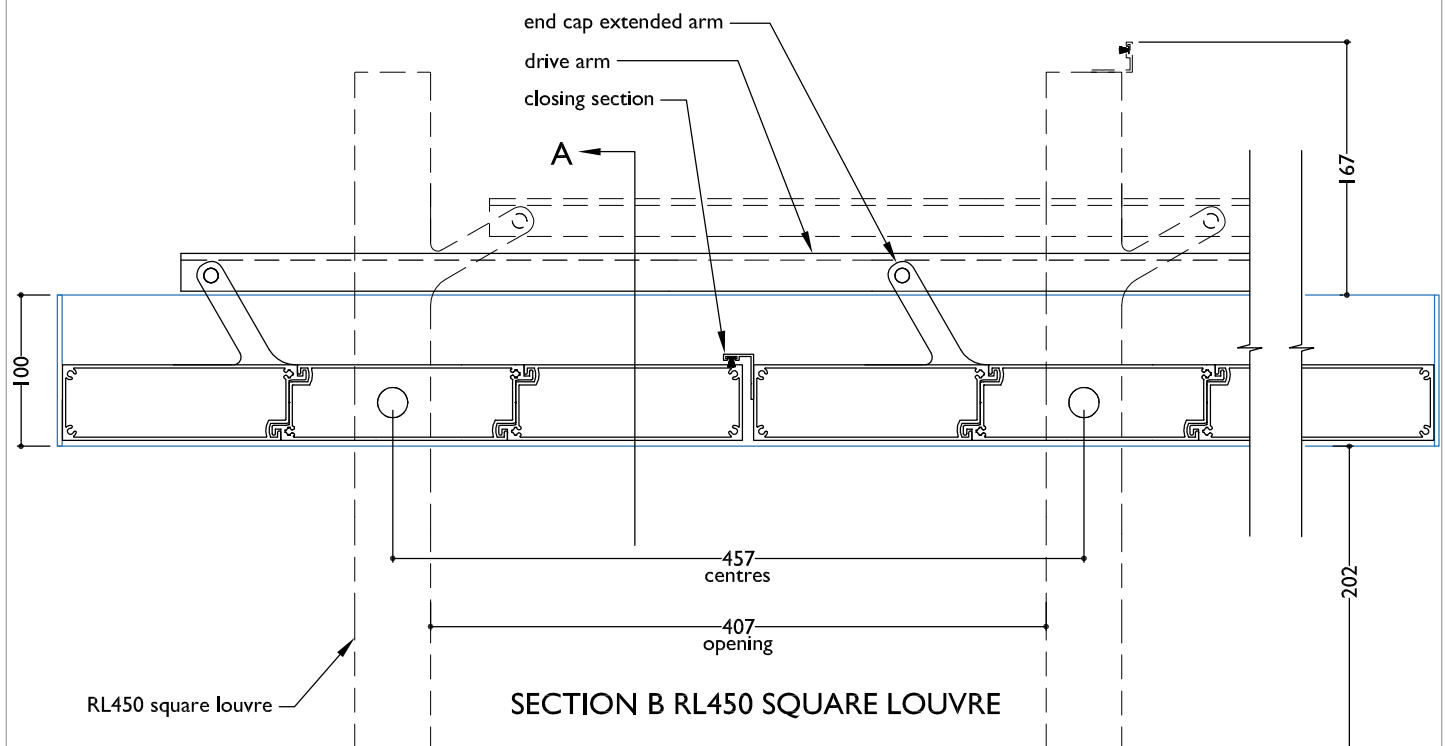
RL300 SQUARE

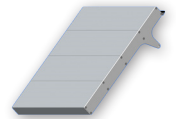
TYPICAL DETAIL : MAXI DRIVE MOTORISED RL 300 & RL 450 SQUARE LOUVRES

SECTION - MAXI DRIVE MOTORISED RL 300 SQUARE LOUVRE



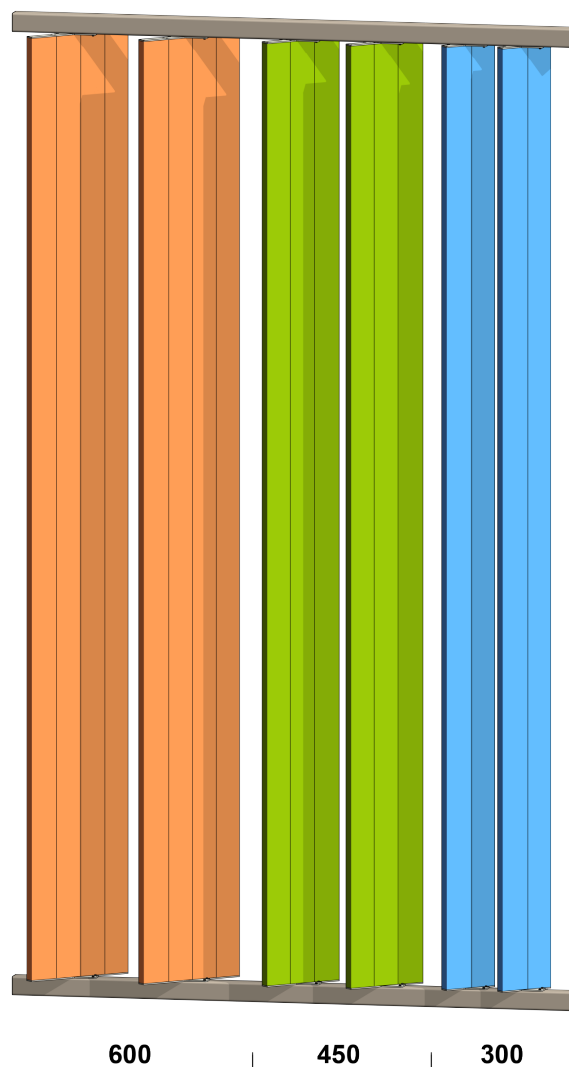
SECTION - MAXI DRIVE MOTORISED RL 450 SQUARE LOUVRE





PRODUCT DETAILS RL 300/450/600 SQUARE END FIXED LOUVRES

TYPICAL DETAIL 3D FILE RL 300/450/600 SQUARE END FIXED LOUVRES



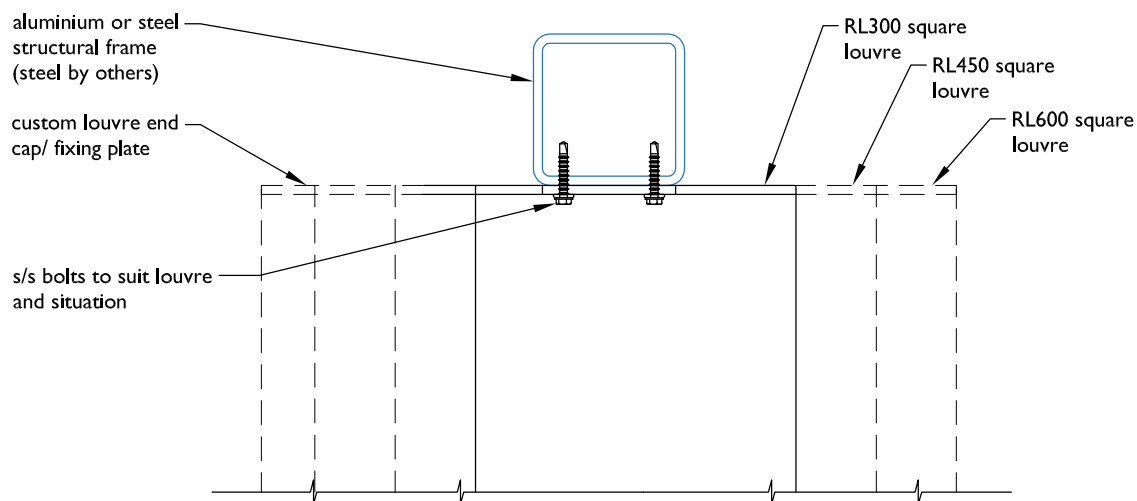
600

450

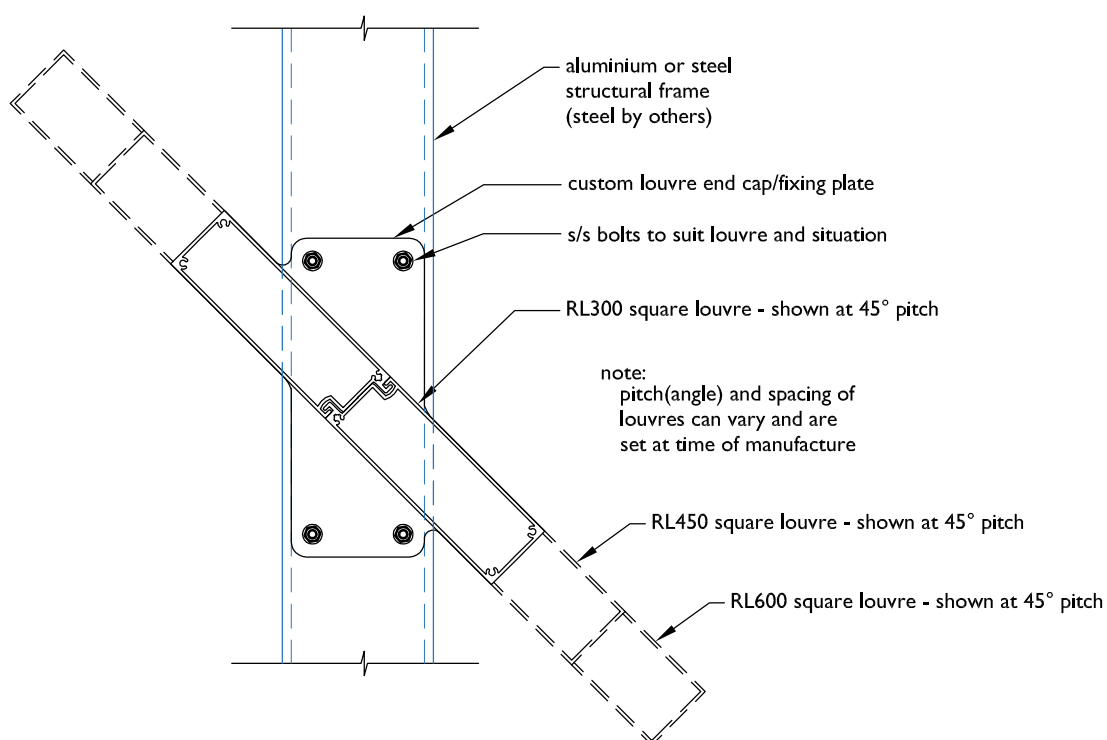
300

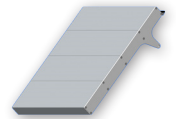
TYPICAL DETAIL : END FIXED RL 300/450/600 SQUARE LOUVRES

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



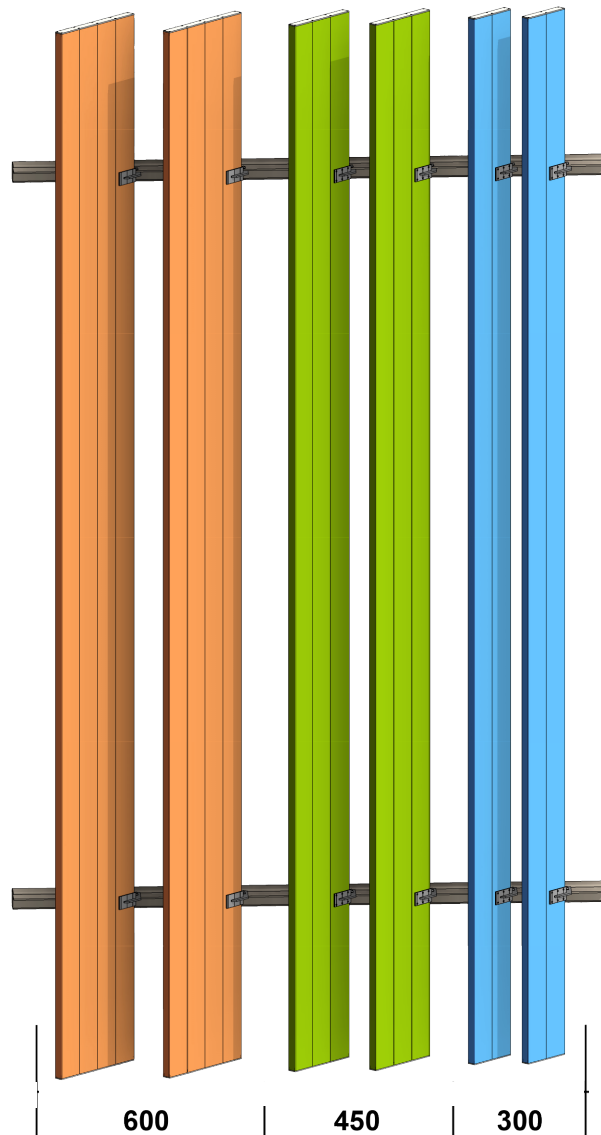
SECTION - END FIXED RL 300/450/600 SQUARE LOUVRE





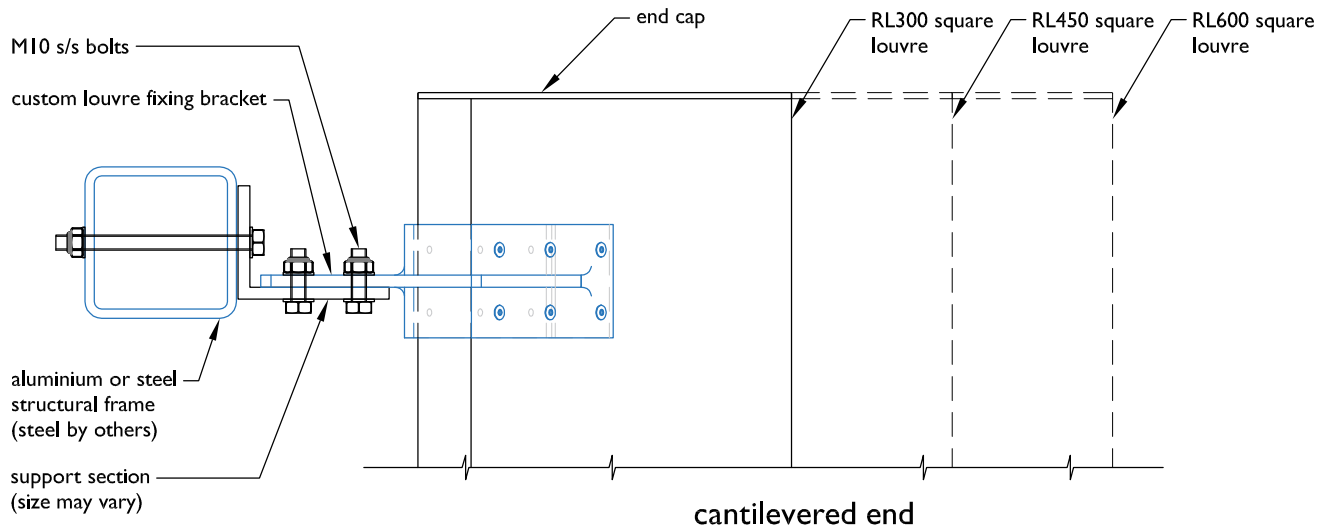
PRODUCT DETAILS RL 300/450/600 SQUARE BRACKET FIXED LOUVRES

TYPICAL DETAIL 3D FILE RL 300/450/600 SQUARE BRACKET FIXED LOUVRES



TYPICAL DETAIL : BRACKET FIXED RL 300/450/600 SQUARE LOUVRES

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



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

