

FIXING INSTRUCTIONS

KINGFISHER NON STANDARD SHAPE

- Access is required to the front and rear of the louvre opening.
- The specified louvres are to be installed in pre-prepared openings. All necessary secondary support structures to support the Kingfisher mullions are to be provided by others. If the louvres are to be installed into proprietary cladding systems then the opening must be prepared and sealed/weathered by others.
- The flashings, consisting of sill, jamb and head flashing units, are to be fixed and sealed to the perimeter of the opening. Particular attention should be paid to the sealing of the sill to jamb and jamb to head flashing. Where flashing lengths are to be butt jointed together, cut a piece of butt joint flashing to a length of 100mm, site and fix over the gap. The sealing and fixings are not supplied by Kingfisher.
- The vertical span capability of any of the Kingfisher mullions is determined by their respective size and wind loading capabilities. The specified span should be checked and verified by a qualified structural engineer.
- You will have been provided with two types of mullion:
 - M1 vertical support mullion (which is fixed to the structural supports).
 - M3 which is a flying mullion.

The vertical support M1 mullions are provided with the louvre clips pre-fitted at the specified pitch and are installed vertically at the appropriate centres for the opening and site location. Ensure that the louvre clips are aligned on adjacent mullions, cut where necessary prior to fixing. This is best done by setting up the tallest and shortest mullions for the opening and running a string line between the two at the lowest point at which a full louvre can be installed.

- The M1 mullions are fixed to the support structure of the building by means of stainless steel fixing brackets (supplied). This is an angle bracket 100mm x 50mm x 3mm with slotted holes in each leg to provide adjustment. The angle brackets should be fitted as shown on our standard fixing instructions, a copy of which is attached.
- The blades can then be installed. Start from the bottom and work upwards, cutting blades to suit the opening if required. Insert the top of the louvre blade into the top part of the clip. Using this as a pivot point, swing the blade downwards toward the bottom of the clip. A reasonable force needs to be applied to the bottom of the louvre blade to complete the installation. A distinct “snap” occurs when the blade is in its final position.
- Non standard louvre blades will need to be cut to size in order to complete the installation. Please note that not all of the non standard blades will finish on a structural mullion. For additional stability of the unsupported blades, the M3 flying mullions have been provided. These are clipped at points between the M1 mullion to the end of the cantilever louvre and to a minimum of 3 fully supported blades above. If the distance between the M1 mullion and the cut end of the cantilever louvre is greater than half the distance of the M1 mullion centres, an additional M3 mullion must be installed at mid-point of the cantilever span.

Note: the M3 mullion does not fix to the structure.

- Ensure that each louvre blade is fully clipped into position at each mullion. It is important to allow 2-3mm thermal expansion gap between joints in louvres. Joints should always be supported on a louvre clip.

FOR FURTHER INFORMATION ON ALL KINGFISHER PRODUCTS PLEASE CONTACT:



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