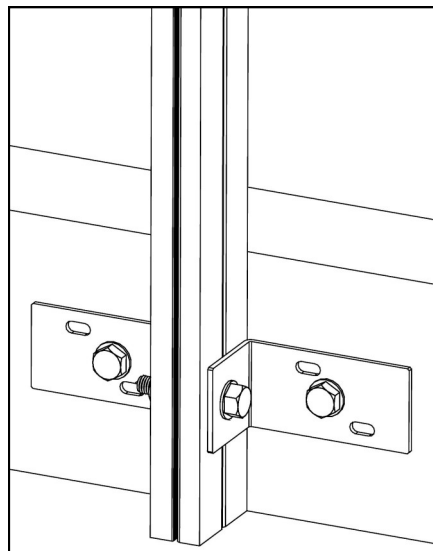
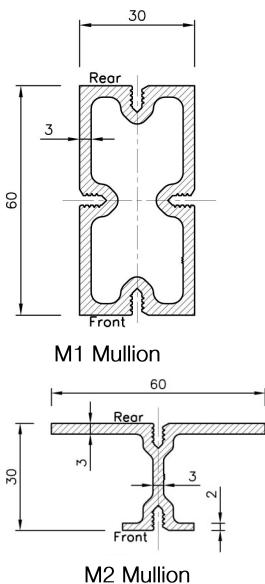


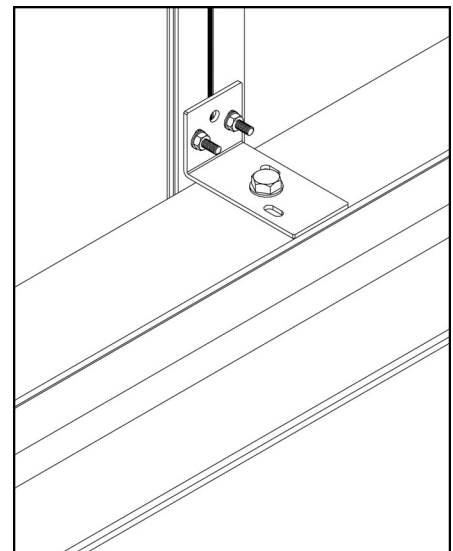
# FIXING INSTRUCTIONS

## KINGFISHER LOUVRE SYSTEMS

- 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 a cladding system then the openings 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 periphery of the opening. Particular attention should be paid to the sealing of the sill to jamb and jamb to head flashings. 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.**
- The vertical support mullions which will be supplied with the louvre clips already fitted at the specified pitch are then installed vertically at the appropriate centres for the opening and site location. Ensure that the louvre clips are aligned on adjacent mullions and adjust the mullion height as necessary prior to permanent fixing. This is best done by setting up the mullions at each end of the opening and running a string line between the first louvre clips.
- The M1 and M2 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 below and bolted to the respective mullions.



M1 Mullion fixing layout



M2 Mullion fixing layout

- Any backing material (insect and bird mesh or blanking plates) needs to be installed prior to installing the louvres. Both are fitted to the rear of the mullions. The insect mesh is held to the mullions by means of a 3mm thick flat bar that is 25mm wide running the height of the mullion securing the mesh to the back of the mullion.
- The blades can then be installed. Start from the bottom and work upwards. Insert the top of the louvre blade into the top 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.
- **Ensure that each louvre blade is fully clipped into position at each mullion location.**
- It is important to allow a 2-3mm gap between joints in louvres to allow for thermal expansion. Joints should always be supported on a louvre clip.

FOR FURTHER INFORMATION ON ALL KINGFISHER PRODUCTS PLEASE CONTACT:

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KINGFISHER LOUVRE SYSTEMS

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