

Rivet specification; 4.8mm diameter body with 16mm head

Fixed hole size; 4.9mm diameter  
Floating hole size; 9.5mm diameter

Panels should have 1 fixed point per panel, this should be located as central as the dimensiond of the panel and the rail locations allow (see top right panel)

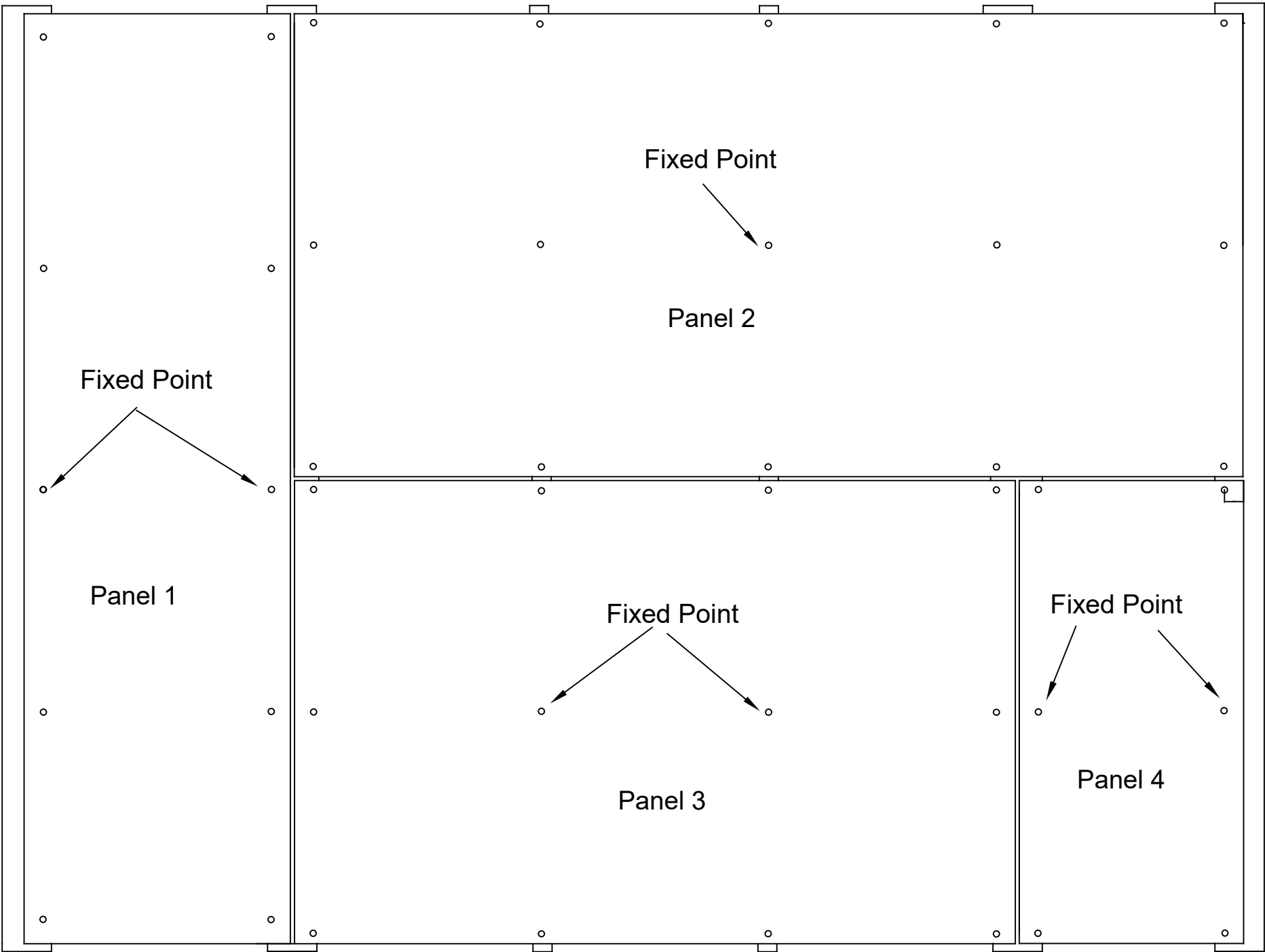
Should a panel need to have 2 fixed points due to design, these should be adjacent and centred in the panel - multiple fixed points should not utilise the same carrier rail

Vitrafix rivet adapters should be used with Vitrafix rivets to prevent over tightening and a Vitrafix centralising tool should be used to ensure the rivet body is centred in the floating point holes

Rivet locations spaced at a min. 300mm to max. of 600mm centres depending on wind loads applicable to the project - please contact Valcan if deviation of measurements is required for project requirements

Rivets should be 25-50mm in from the edges of the panel measured across the panel fibres and 45-65mm from the edges measured with the fibres

Fibre direction runs the length of the uncut panel and can be noted by the 'smoothing lines' on the surface of the panel



Fibre direction for above panels runs as follows:  
1 - vertically  
2 - horizontally  
3 - horizontally  
4 - vertically or horizontally (depending on how panel is cut)

NOTE- The fixed point in the panel should be as near as possible to the fixed bracket of the carrier frame