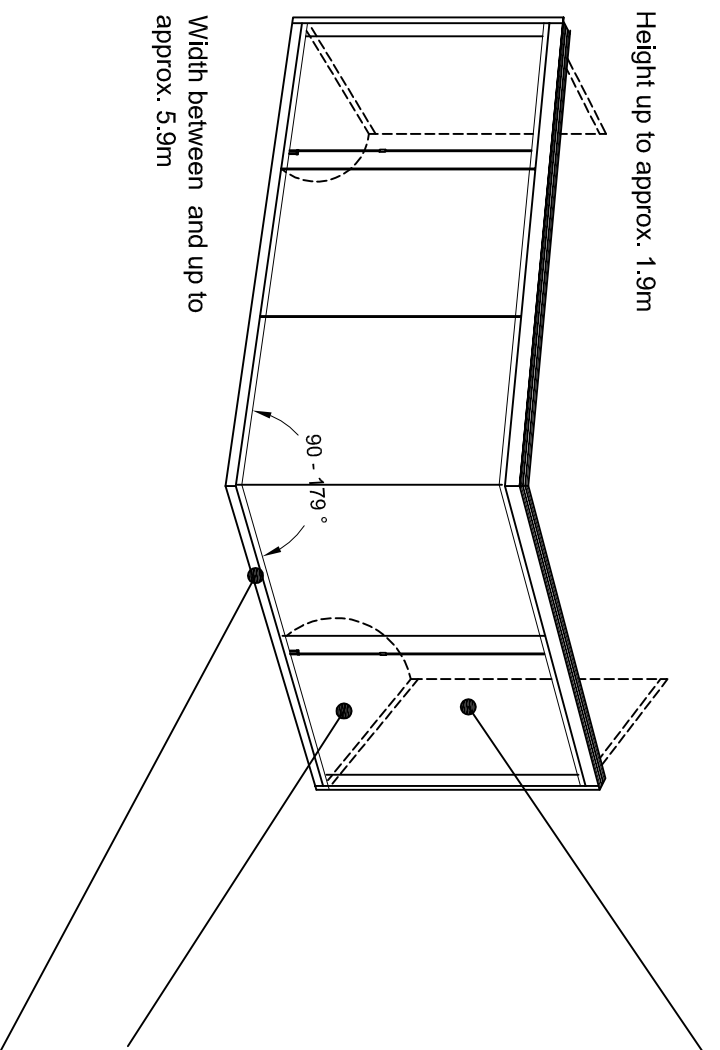


Design possibilities and limits of Window System 800 with a glass corner joint



Folding glass

Folding glass can be supplied unframed in 6mm, 8mm or 10mm toughened glass.

Height of the opening section is between: 600mm & 1800mm

Width of the opening section is between: 500mm & 900mm

Height of a side hung glass is between: 400mm & 1800mm

Width of a side hung glass is between: 250mm - 1000mm

Height of the opening glass should not be greater than 2.5 times the width.

The element can be supplied with up to 5 folding glasses all opening in the same direction.

The element can be supplied with a fixed glass at one or both ends, the rest of the glasses will open in the normal way.

When the glasses open in both directions the first opening glass is supplied with a sliding pole fitting, the rest of the glasses open in the normal way.

Folding glass (and it's frame) needs to be able to accommodate the imposed wind load.

Degree of opening

The folding glass will open upto 90° as standard, if required it can be opened up to 130° with a modification.

Aluminium extrusions

The Window System 800 is supplied with 2 side frames, a bottom frame and a top frame, assembly is carried out on site.

The top and bottom frame are fixed back to the sub construction.

Fixing the top frame: 100mm from the side (where the glasses open) then 250mm and then 1000mm centres.

The bottom frame needs to be fixed 100mm from each corner and then at 1000mm centres.

The above mentioned fixing requirement assumes that the sub construction is capable of taking the imposed load.