

ancon windposts

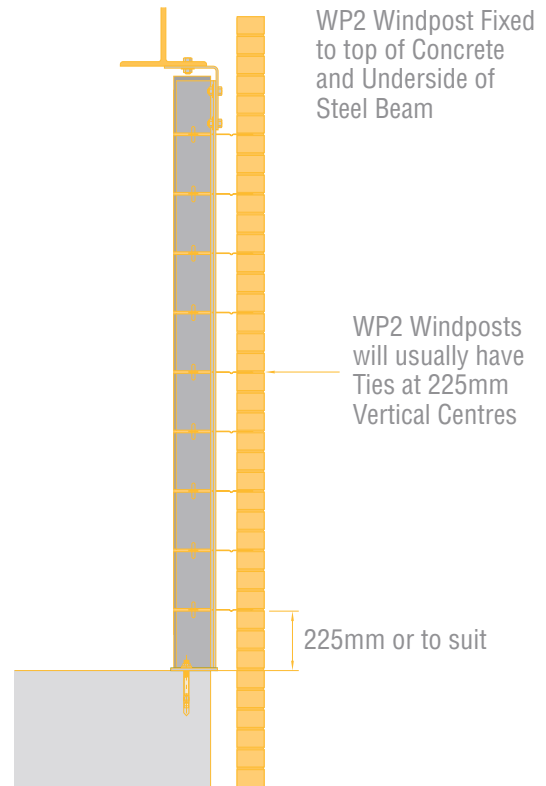
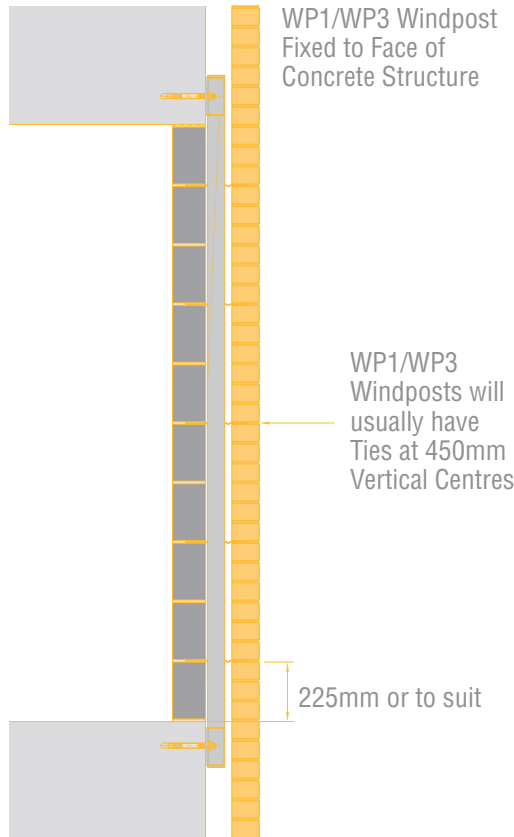
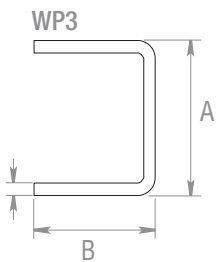
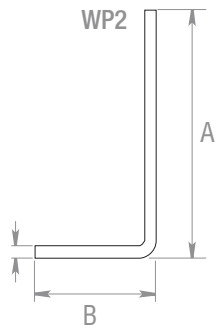
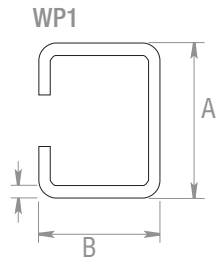


WINDPOST DESIGN

Ancon Windposts are designed to span vertically between floors to provide lateral support for panels of brickwork. The windposts will usually be restrained by the brickwork and designed as 'simply supported beams'.

Deflection under wind load will often limit the maximum loading. Windposts can be designed as 'propped cantilevers' to limit deflection, this however will require a much larger base connection which in many cases may be difficult to accommodate.

Connections to the frame are designed to permit adjustment during installation. Serrated surfaces will be provided where adjustment is in the direction of the load. The top connection allows for shrinkage or vertical movement of the frame to take place. The type of fixing will depend on the nature of the frame. Expansion bolts are normally supplied for concrete frames and set screws will be supplied for steel frames.



PARAPET AND SPANDREL POSTS

Ancon Parapet and Spandrel Posts are restrained by the brickwork and designed as 'cantilevers'. The base connection will need to be sufficient to resist the 'bending moment' and may in some cases be difficult to accommodate within the floor construction. The height of these posts is unlikely to be more than 1.6 metres.

