



Louvre Systems Ltd

*Smart environmental solutions  
for the smart set...*



The waterfront development known as Ocean Village in Southampton is rapidly becoming the place where the yachting set from all over Europe wants to be when visiting England. This vibrant development boasts twelve prime restaurants, several retail units and is only ten minutes walk from the thriving city centre.

Wilson Bowden Developments have set out to create a prestigious mixed residential and retail environment that makes the most of its sea front setting and foreign visitor potential.

Home to the Southampton Yacht club, the marina has attracted several major blue chip companies to the area, including HSBC and Barclays.

From the outset, Wilson Bowden set out to create buildings to the highest quality standards that often surpassed the planner's requirements. Extensive and imaginative use of high grade timber cladding, glass and aluminium extrusions on the residential apartments has created a mixture of hi-tec and traditional build quality that blends in with the natural beauty of the waterfront setting.

Par Louvre Systems Ltd were selected by the Developer to supply and fit the stunning 'flying' Brise Soleil shading system that extends around the South, East and West elevations of the residential blocks at roof level. Formed from elliptical aluminium extrusions, they are designed in accordance with part L2 of the Building Regulations as a passive measure to prevent solar overheating of the upper luxury apartments.

Par were chosen in part because of their ability to create curved as well as straight louvre configurations. This ability was put to good use on Block A (designed by architects Broadway Malyon) and a cantilevered Brise Soleil canopy sweeps around the circular perimeter of blocks A and E at fifth floor level providing an impressive and functional architectural feature. Par also supplied and installed all supporting steelwork and in some instances pre-fabricated louvre blades into steelwork frames 5m x 3m in size prior to them being hoisted into position. The framed louvre had to be craned across the entire building due to the lack of access on the waterfront. A variety of elliptical louvre blades were used on the project ranging from 165mm to 265mm widths.

In addition to the extensive solar shading contract, Par were awarded contracts for supplying and installing 75mm and 100mm louvre systems for car park screening and horizontal roof screening/venting for the generator room. All shading and louvre systems are finished to RAL 7015.

## Southampton Marina

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