

## Pan Peninsula West Tower

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### Figures

Height: Architectural	122 m / 400 ft
Height: To Tip	122 m / 400 ft
Floors Above Ground	39

### Facts

Official Name	Pan Peninsula West Tower
Name of Complex	<a href="#">Pan Peninsula</a>
Structure Type	Building
Status	Completed
Country	<a href="#">United Kingdom</a>
City	<a href="#">London</a>
Street Address & Map	<a href="#">1 Millharbour</a>
Building Function	residential
Structural Material	concrete
Completion	2008

### Companies Involved

Developer	Ballymore Properties
Architect	<ul style="list-style-type: none"><li>• <a href="#">Design</a></li></ul> <a href="#">Skidmore, Owings &amp; Merrill LLP</a>
Structural Engineer	<ul style="list-style-type: none"><li>• <a href="#">Design</a></li></ul> <a href="#">WSP   Parsons Brinckerhoff</a>
Other Consultant	<ul style="list-style-type: none"><li>• Wind</li></ul> <a href="#">BMT Fluid Mechanics Ltd.</a>
Material Supplier	<ul style="list-style-type: none"><li>• Cladding</li><li>• Construction Hoists</li><li>• Elevator</li><li>• Fire Proofing</li></ul> <a href="#">Techrete</a> <a href="#">Alimak Hek</a> Mitsubishi Elevator and Escalator <a href="#">Siderise</a>

### About Pan Peninsula West Tower

Pan Peninsula is a welcome new addition to Canary Wharf, extending the predominantly office tower skyline to the south with two new residential buildings. Containing a total of 762 luxury apartments, the complex also contains such facilities as a health and fitness complex, a holistic spa, a waterside restaurant and a top floor cocktail bar. The complex offers fantastic views out to the Thames River and London beyond.

Behind the pristine white façade is a technically advanced structure that maximizes living space in both the horizontal and vertical planes. The floor to floor heights of the building required very thin slabs to allow high ceilings within the apartments. Reinforced concrete flat slabs were thus used, with deflection controlled by pre-cambering the floor plates using a "sky-deck" formwork system. Reinforced concrete core walls provide the lateral stability, with the tallest tower requiring outrigger walls to engage the perimeter columns in order to achieve the stiffness required. These outriggers maintain motion and accelerations without compromising internal layouts.

To submit more information or donate images for this project, please use our [submission portal](#).