

W-Tower

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Figures

Height: Architectural	156.4 m / 513 ft
Height: Occupied	147.4 m / 484 ft
Height: To Tip	156.4 m / 513 ft
Floors Above Ground	46
Floors Below Ground	4
# of Elevators	5
Tower GFA	50,000 m ² / 538,196 ft ²
# of Apartments	168
# of Parking Spaces	372

Facts

Official Name	W-Tower
Structure Type	Building
Status	Completed
Country	Israel
City	Tel Aviv
Street Address & Map	6th Aloni Street
Postal Code	62919
Building Function	residential
Structural Material	concrete
Proposed	2004
Construction Start	2006
Completion	2010

Rankings

Click arrows to view the next taller/shorter buildings

Regional Ranking	#321 Tallest in Middle East
National Ranking	#17 Tallest in Israel
City Ranking	#11 Tallest in Tel Aviv



Companies Involved

Owner/Developer	Canada-Israel Ltd.
Architect	<ul style="list-style-type: none"> Design: Yashar Architects
Structural Engineer	<ul style="list-style-type: none"> (not specified): David Engineers Ltd.
MEP Engineer	<ul style="list-style-type: none"> (not specified): M. Doron - I. Shahaar & Co. Consulting Engineers Ltd.
Project Manager	Waxman Govrin Geva Engineering LTD.
Main Contractor	A. Dori Ltd.

About W-Tower

W Tower is the tallest of a 12-tower high-rise residential development in the north east part of Tel Aviv and became the tallest all-residential building in the country on its completion. The building's orientation is derived by both the local climate and the scenery, allowing the north and south façades to easily deal with sunlight and shade. The north and south sides of the building are shielded by deep horizontal cantilevered balconies, which provide excellent shading when the sun reaches its apex at the hottest time of the day. The beams are designed not to interrupt the winter sunlight to the large glazed living rooms, that function as winter gardens, saving on energy use.

The glazed corners for the living rooms enjoy adjacent large balconies about 30 sq m (323 sq ft) in size. These balconies promote outdoor living, lowering energy use by promoting people to enjoy fresh air and minimize the use of closed air-conditioned areas. The accelerated breeze around the tower lengthens the mid seasons and allows for longer yearly use of these spaces.

CTBUH Initiatives

Israel Trip Report: Tel Aviv & Jerusalem
Nov 2011 – Tour Report

Research Papers

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17 Oct 2016 – Cities to Megacities: Shaping Dense Vertical Urbanism

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