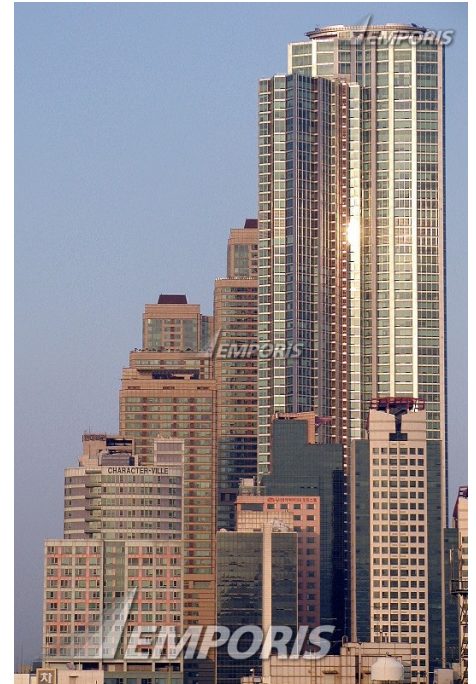


Tower Palace Three, Tower G



Identification

EBN	101854
Name	Tower Palace Three, Tower G
Construction Type	skyscraper
Complex Type	residential complex
Complex Name	Samsung Tower Palace
Current Status	existing [completed]

Location

Continent Name	Asie	District (1st level)	Gangnam-gu
Country Name	Corée du Sud	Address (as text)	467 Dogok-dong
State Name	Seoul Metropolitan City	Latitude	Contact us
Metro Area Name	Seoul Metro Area	Longitude	Contact us

City Name	Seoul
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Description

Structural Material	composite structure	Architectural style	modernism
Facade System	curtain wall	Main Usage	residential
Facade Color	light gray		

Spatial dimensions

Height (structural)	865,08 ft	Floors (underground)	6
Height (tip)	865,08 ft	Floors (overground)	73
Height (top floor)	820,26 ft	Units	Contact us
Height (roof)	861,14 ft	Gross Floor Area (GFA)	Contact us
Height (main roof)	859,61 ft		

Years and costs

Year (construction start)	2001	Year (construction end)	2004
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Facts

- The owner has allowed engineers to use the structure for research comparing long term elasticity, creep, and shrinkage of the concrete walls versus the concrete columns. So far the comparison between projected and actual behavior has been favorable.
- Designed by Adrian D. Smith, FAIA, RIBA Design Partner at Skidmore Owings & Merrill LLP.
- The tower's aerodynamic design was so efficient that its stability in high wind exceeds international standards and no additional damping devices were needed.
- Tower G is South Korea's tallest building.
- This was the world's tallest all-residential tower in the world for a brief period during its construction, surpassing the previous record-holder Trump World Tower in New York City. 21st Century Tower in Dubai was topped out later but finished sooner, claiming the new record by 5 meters.
- The foundation mat was built using innovative self-compacting self-consolidating concrete. This reduced casting time from 48 to 12 hours.
- The structural system is a megaframe consisting of a concrete core bound to concrete perimeter columns through an exterior belt wall.

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Phone	+1 250 483 7089	New York	03:00 am - 01:00 pm
Email	sales@emporis.com	Tokyo	04:00 pm - 02:00 am

- The building's shape is formed by three oval lobes joined together, and was designed aerodynamically to tame the effects of wind pressure and building sway.

Involvement companies

Architect.....

Skidmore, Owings & Merrill LLP

224 South Michigan Avenue, Suite 1000
60604 Chicago
États-Unis d'Amérique

Phone +1 312 554 9090
Fax +1 312 360 4545
Email somchicago@som.com

Associate Architect.....

Samoo Architects & Engineers

Green Building, 79-2 Garak-dong, Songpa-gu
138-711 Seoul
Corée du Sud

Phone 3400 3114
Fax 3400 3900
Email webmaster@samoo.co.kr

Facade Maintenance System Supplier.....

MANNTECH Building Maintenance Systems

Mannesmann Straße 5
82291 Munich
Allemagne

Phone +49 8145 999 0
Fax +49 8145 999 217

Structural Engineering.....

Skidmore, Owings & Merrill LLP

224 South Michigan Avenue, Suite 1000
60604 Chicago
États-Unis d'Amérique

Phone +1 312 554 9090
Fax +1 312 360 4545
Email somchicago@som.com

Additional company data available for this building

Developer	Contact us	Lighting Consultant	Contact us
Formwork Supplier	Contact us	Owner	Contact us
General Contractor	Contact us		

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