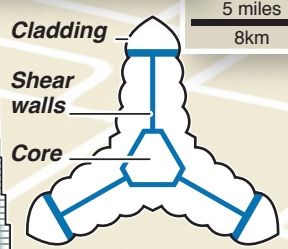




World's tallest tower

The 160-storey Burj Dubai, towering 818 metres above Dubai city, is set to be inaugurated on January 4. Emaar Properties started building the \$4 billion tower five years ago as the centrepiece of its \$20bn Downtown Burj Dubai project. The Burj Dubai became the world's tallest building when it overtook the 509-metre Taipei 101 in July 2007

Burj Dubai



Spire: Visible from distance of 95km. Holds communications equipment

Corporate offices and suites

124th floor: Observation platform

Corporate offices and suites

Floors 45-108: 700 private apartments

Structure: Designed by *William Baker* from Chicago-based architects *Skidmore, Owings and Merrill*, Burj Dubai is a **tube skyscraper** – one giant tube with 125,000 openings – supported by shear wall **buttresses** in a Y-shaped clockwise spiral. Structure is locked together by hexagonal core, which stops building from twisting in wind and contains services and lifts

Aluminium and glass facade: Total of 24,348 cladding panels over total wall area of 132,190sq m, including 103,000sq m of reflective double-glazing – sufficient to cover 14 soccer pitches – and 15,500sq m of stainless steel

Construction required estimated 230,000 cubic metres of concrete and 31,400 tonnes of rebar (reinforcing steel)

Elevators: 54 Otis lifts rise and descend at up to 10 metres/sec. Shafts constructed within tolerance of 3mm

Cooling system: Sufficient to create 12,750 tonnes of ice each day

Interior decorations: *Giorgio Armani*

Armani Hotel, 6-star: Occupies concourse to level 8 and 38-39th floors, with 160 guest rooms and suites, five restaurants, swimming pool and spa. 144 private Armani Residences located on levels 9-16.
One-bedroom residences on sale from \$3.9 million

Boulevard Crescents: Apartments

PALM LINE AVE.

8 Boulevard Walk: 35-storey tower with shops, swimming pool and 347 residential suites

Foundations: 192 piles to depths of 50 metres and 10,000-tonne foundation slab requiring over 45,000 cubic metres of concrete

Old Town: Low-rise "traditional" Arab village with apartments and penthouses

Burj Dubai

Downtown Burj Dubai: Mixed development including 30,000 homes, nine hotels, 2.4 hectares of parkland, 19 residential towers, and 12-hectare Burj Dubai Lake

Emaar Square Business hub

SHEIKH ZAYED ROAD

FINANCIAL CENTRE ROAD

The Address Dubai Mall Hotel

Dubai Mall: World's largest shopping centre with three-storey aquarium, ice rink and space for 1,200 shops

Fountain: Up to 150m high and 275m long

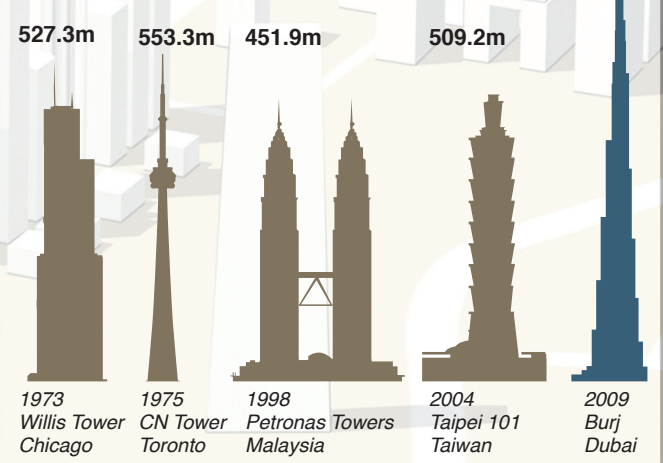
Lake Park

Old Town Island

BURJ DUBAI BOULEVARD Known as the **Emerald Necklace**

The Residences: 18 towers of apartments

World's tallest structures



Boulevard Plaza: 36-storey commercial offices. Maximum of four tenants