

The Residences at Sindhorn Kempinski

client SIAM SINDHORN

period 2011-2019

GFA 75,500m²

architect Architects & Associates

height 141m

floors 33

contractor YHSi with TOC

residential

window wall

curtain wall

precast

structural glass



The facade of this luxury residence overlooking Lumpini Park consists of floor to floor C-shaped precast fins that curve gently up the building and flare out at the base. On the west side they extend out to contain lanterns at the edge of the rooftop pool which cantilevers out on the south over the park.

A special hidden corbel and pin type fixing system was devised to enable the use of structurally efficient one-piece C-shaped precast panels rather than two L-shapes individually fixed

On the east elevation the fins arch up to the top of the roof and turn over to frame the rooftop before curving round the east and down to the pool side.

The glazing consists of tall window wall panels with integrated operable windows, next to large sliding doors and glass balustrades. The window wall sits between long horizontal precast L-shaped spandrels spanning between the precast column cladding.

All units glazing is double-glazed with high performance solar control coatings, maximising solar heat reduction whilst optimising daylighting and views out.

The main entrance uses the similar curved fin geometry to the main elevations but clad in stone. An elegant translucent glazed crescent shaped steel-framed canopy protects the entry.

Penthouse floors are enclosed with areas of fully utilised curtain wall, and amenities rooms at pool level continue the cantilevered glass fin systems of the lower lobby lounge.

The Lobby lounge is enclosed with a structurally glazed cantilevered half-fin system with external H-shaped vertical shading elements.

The building received two awards in 2021 and the Sindhorn Village development as a whole was named as 'Best Mixed-Use Development' in Thailand in the same year.

