WELCOME

SAMMY HUI
Vice President
Asia’s World City – Hong Kong
Hong Kong FACADE Association (HKFA) is a non-profit organization founded in 1998 that aims to draw the industry professionals together to serve the society and to ensure a healthy and sustainable development of the architectural façade industry. Since then, we represent the industry and serve as a communication channel between the façade industry in Hong Kong and other countries by attending exchange activities in Hong Kong and overseas.

Cooperate with government and serve the public by provide consultancy services related to development of the facade industry. Communication channel between the facade industry and other building professions. Provide continued education to develop industry technical and professional skills. To promote the authorities, individual professionals with rewards that the initiatives contributes to the development of the facade industry.
Lighting and Sound Show in Hong Kong

The ICC Light & Music Show
This show on the tallest building in Hong Kong combines music and animated story themes. An advanced computer programme controls each LED on the facades to create truly breath-taking animated images. The show has set a Guinness World Record for the largest light and sound show on a single building.
High Rise Building in Hong Kong - Commercial

- International Commerce Centre
  - Height: 484m
  - Floors: 108 Floors

- Two International Finance Centre
  - Height: 416m
  - Floors: 88 Floors

- Bank of China Tower
  - Height: 367m
  - Floors: 70 Floors

- Central Plaza
  - Height: 374m
  - Floors: 78 Floors

- Nina Tower
  - Height: 319m
  - Floors: 80 Floors

- The Center
  - Height: 346m
  - Floors: 73 Floors

- Cheung Kong Center
  - Height: 283m
  - Floors: 63 Floors

- One Island East
  - Height: 298m
  - Floors: 68 Floors
High Rise Building in Hong Kong - Residential

- **The Cullinan North & South Tower**
  - Height: 270m
  - Floors: 68 Floors

- **The Masterpiece**
  - Height: 261m
  - Floors: 64 Floors

- **Sorrento 1**
  - Height: 256m
  - Floors: 75 Floors

- **The Summit & Highcliff**
  - Heights: 220m & 252m
  - Floors: 65 Floors

- **The Harbourside**
  - Height: 251m
  - Floors: 73 Floors

- **The Harbourfront Landmark**
  - Height: 233m
  - Floors: 70 Floors
Public Facilities Buildings in Hong Kong

Hong Kong Cruise Terminal

West Kowloon Terminus

Tamar Government Headquarter

Kai Tak Sports Park
International Architects/Consultants in Hong Kong

Architects

Zaha Hadid Architects
Pelli Clarke Pelli Architects

Facade Consultant

ARUP
MEINHARDT
Inhabit
Hyder
aurecon
ALT
WSP
Buro Happold Engineering
Front
CDC
AECOM
NS+H
Dax Consulting Civil Engineering
GDP Value of Hong Kong

USD $301 Billion

Sources: Census and Statistics Department, HKSAR; International Monetary Fund (IMF); Ipsos research and analysis
Industry Overview

Gross Output **Value of Construction Works** Performed by main Contractors at Construction sites in Hong Kong

USD $21.3 Billion

*Sources: Census and Statistics Department, HKSAR; 2016 Policy Address; 2016-17 Budget; Construction Industry Council, HKSAR; Hong Kong Institute of surveyors, HKSAR; Ipsos research and analysis*
Industry Overview

Contract Sum of the **Podium Façade & Curtain Wall Works Industry** in Hong Kong

USD $698 Million.

*Source: Ipsos research and analysis*
International Projects Involvement by Hong Kong Facade Contractors

- Mandarin Oriental & Veer Towers, Las Vegas, USA
- Tokyo Station Yaesu Project, Japan
- Prima Tower, Melbourne, Australia
- Marina Bay Sands, Singapore
- Ice City, Quebec City, Canada
- Costanera Centre, Santiago, Chile
Burj Khalifa, Dubai

- Design Wind Pressure (Positive and Negative)
- Building Movements (Slab deflection, inter-story Drift)
- Thermal consideration to the hot climate of desert (At 52°C Temperature)
- Barometric Pressure to the IGU Glazing
- Seismic, Building and Thermal Movement (Stack Joint).
- Water Tightness and Air Infiltration.
- Acoustic Consideration
- Consider of Buildability working at Height.

Courtesy by
Morpheus Hotel, Macau
Challenge for Geometry

Morpheus Hotel, Macau

Architects
Zaha Hadid Architects

Main Contractor
Dragage

Curtain Wall Consultants
BuroHappold Engineering (UK)
Front Consultants (USA).

Curtain Wall Contractors
Kyotec (Belgium)
Halcey Façade (Hong Kong)
Jangho Curtain Wall (China)

Source: https://vimeo.com/203509846

Courtesy by
HACELY FACADE ENGINEERING LIMITED
Morpheus Hotel, Macau
Challenge for Geometry
Macau – World Entertainment City
Macau World Entertainment City

Studio City
City of Dreams
Venetian
Louis XIII
Lisboa
Galaxy
Wynn Palace
MGM2
IMAGINE THE POSSIBILITIES
The Future of Sustainable Building Façade
TaiKoo 2A, Hong Kong

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THANK YOU

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