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Le Schuyllkill

Monaco

The New Building
Envelope

Zaha Hadid Architects

Architecturally, the façade design distinguishes between the existing building refurbishment and the new build program. The façade design also resets the silhouette of the building at its crown and redefines the building's connection with the ground along the Avenue de la Costa.

Broadly, there are 5 main façade types:

1. The ceramic rainscreen on the existing building,
2. The aluminium louvers on the existing stairwells on the North side of the building,
3. The window walls enclosing the new build program at both high level and low level of the new build program,
4. The large format coated aluminium panels forming the fascia cladding of the terraces and balconies of the new build program,
5. The stainless-steel shell canopy over the entrance lobby at ground floor level.

The ceramic rain screen cladding build-up provides a ventilated cavity on thermal insulation which is fixed back to the existing concrete frame and masonry. The windows and doors are thermally broken, anodised aluminium double glazed units fitted with external venetian blinds.

The existing staircases on the North façade are extended to serve the new upper levels and clad with new extruded anodised aluminium louvers. The louvers are individually oriented at variable angles to prevent see-through views. Spacing is controlled to comply with the 50% opening for natural smoke extraction.

The penthouse facades between floors 15 and 17 are floor to ceiling double glazed units with minimalist frames which incorporate motorized sliding doors and exterior venetian blinds for solar protection. The panoramic views from the penthouses are spectacular, so opaque parts are kept to a minimum. Decorative stainless-steel fins provide visual privacy for the bathrooms and hide structural elements.