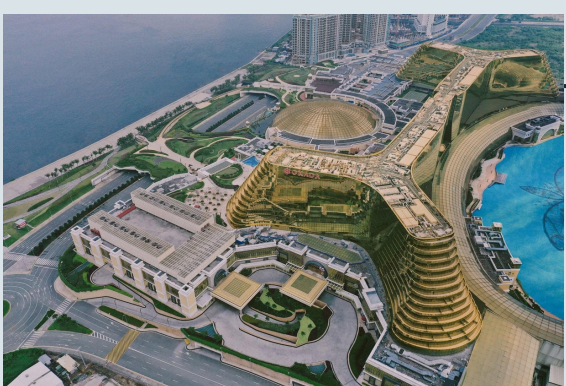


Okada Manila Resort and Casino

Hycrete Permanently Waterproofs Five Star Luxury Hotel and Casino in the Philippines



Integral Admixtures Deliver Lasting Concrete Protection and Reduce Long-term Maintenance Requirements

Structure: 5 Star Hotel and Casino

Applications: water tanks, sewage treatment plant, pressure slab, retaining walls

Owner: Kazou Okada, Universal Entertainment

Architect: PRSP Architects

Engineer: SY2 Associates

General Contractor: HILMARC'S CONSTRUCTION

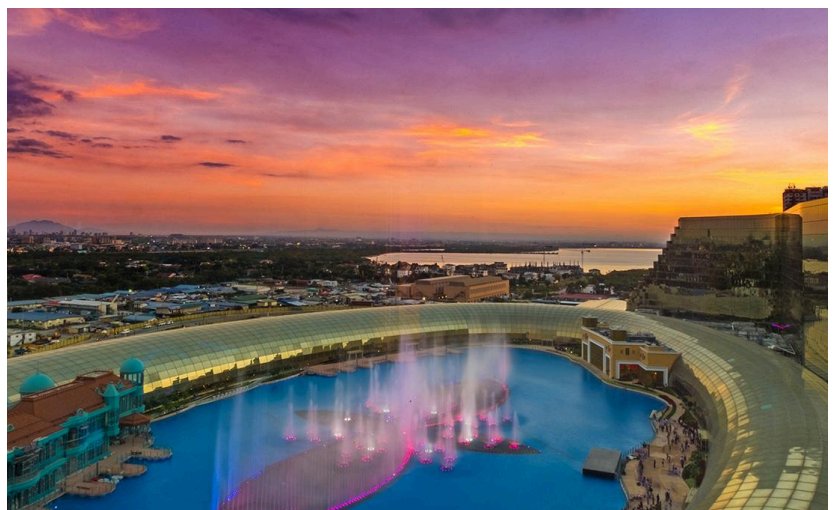
Ready Mix Provider: OMNICO, 10K, and QUALITY PRECAST

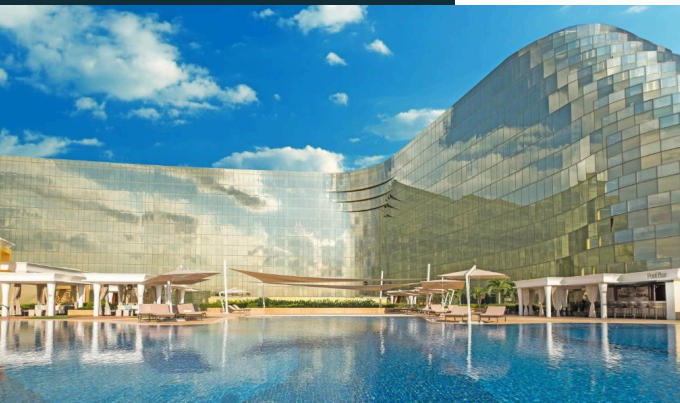
Introduction

Okada Manila is an iconic integrated resort and casino complex situated in Entertainment City, Metro Manila, Philippines. This 5-star city resort offers a range of world-class amenities, including 993 hotel rooms, casino, outdoor swimming pool, an indoor beach club, and multiple restaurants.

Challenge

The project's location in an area reclaimed from Manila Bay presents unique challenges. The buildings face harsh environmental conditions, including saltwater exposure, high humidity, and strong winds. Additionally, the high-water table near the coast increases the risk of hydrostatic pressure and capillary absorption in the below-grade basements and foundations. It's crucial to address these factors during design and construction to ensure the longevity and durability of the structures.





Solution

Hycrete Endure WP (formerly known as W1000) offers an effective waterproofing solution that prevents water and salt infiltration into concrete structures. This dual-action admixture not only provides corrosion protection for the steel reinforcement but was also successfully used in 6,020 cubic meters of concrete across the project.

Result

Hycrete's integral waterproofing admixture plays a crucial role in extending the lifespan of buildings by preventing water ingress and corrosion. As a result, it reduces the necessity for expensive repairs and ongoing maintenance. This benefit is especially significant in coastal areas where harsh environmental conditions can accelerate deterioration.



[Project Video](#)