



Star City Casino, Sydney, Australia

Area: ... m²

Architects: The Cox Group

Structural & Façade Engineers: Arup Façade Engineering

Specialist Contractor: JML Engineered Façades



The Skyline Cone Is a principle feature of the Star City Casino built along the harbour foreshore in Sydney.

“The Cone appears to float on its harbour-front platform. Investment castings gave us highly refined shapes that clearly demonstrate their structural function, complementing the overall transparent sculpture that we were trying to create,” says external podium designer Richard Desgrand of The Cox Group architects.

The Cone is a cable stiffened shell structure. Mullions and transoms are trapezoidal stainless members connected by cruciform cast stainless steel nodes. The cables form two overlapping and opposing spirals and are connected by 2 and 4-way cast cable clamps.

Hycast Metals can manufacture any shaped metal casting an architect dreams up for use in conjunction with glass structure. Hycast Metals works closely with architects, structural engineers and subcontractors to ensure an optimal outcome.

