



PERTH ARENA

Perth Arena is Western Australia's proud new home of entertainment, music and sports. "This is an iconic venue for Perth for many years to come. The arena is a work of art itself!" - WA Premier Colin Barnett

The AUS\$540M arena is located on Wellington Street, near the site of the former Perth Entertainment Centre, and was officially opened on 10th November 2012 with an inaugural concert featuring Elton John.

The venue has 36 luxury appointed corporate suites, a 680-bay underground car park, five dedicated function spaces and space

for touring trucks, which can drive directly onto the arena floor. The stadium's very flexible design allows for crowds of up to 15,500 in general admission concert mode and up to 14,000 in tennis mode.

Alternatively the arena can be closed down for an intimate concert with 3,000 people, through Vector Lifting's Retractable Roof.

The moving roof weighs 320 tonnes and closes in approximately 10 minutes, with a state-of-the-art tracking system. Made from two separate roof panels, each panel is controlled independently to provide shade for spectators, protect the bowl area from inclement weather and to track the sun to prevent shadows being cast on the court.

The striking building design was inspired by the 12-sided Round House in Fremantle and the 209 irregular shaped pieces of Christopher Monckton's Eternity puzzle. "This landmark building has been designed to provoke symbolic interpretation, create direct visual responses from all approaches, and become an integral part of the city's overall urban design and architectural strategy" said Design Director Howard Raggatt.

The very complex structural steel skeleton for the Perth Arena consumed 40,000 litres (8,799 gals) of protective coatings from AkzoNobel. The majority of blast cleaning

and painting of the structural steel for this project was conducted by Ferro-Clean Pty Ltd, a Perth-based company established almost 50 years ago, which specializes in applying protective coatings to steelwork for projects in Infrastructure, Mining and Oil and Gas industries.

"During the colder winter months of the 3-year construction period, paint curing times were a challenge" Ferro-Clean's CEO said. **"In order to have the mega-truss roof frames ready for permit transportation into the inner-city site, AkzoNobel's low temperature, rapid cure coating made it**

possible to meet the very tight construction deadlines and therefore we were able to maintain a high level of throughput at our multiple facilities" he added.

AkzoNobel's Area Manager is extremely satisfied with the high performance acrylic polysiloxane finish on the exposed surfaces of the megastructure, "Their long lasting appearance will truly complement this iconic building for years to come" he said.