



# ICONIC SPORTS STADIUM THAT'S HELPING TO RE-ESTABLISH COMMUNITY PRIDE

<b>TITLE</b>	PPL Park
<b>DESCRIPTION</b>	Sports stadium roof
<b>LOCATION</b>	Chester, Pennsylvania, USA
<b>COMPLETED IN</b>	2010
<b>FABRIC AREA</b>	60,000ft <sup>2</sup>
<b>FABRIC TYPE</b>	PTFE-Sheerfill II
<b>ARCHITECT/CLIENT</b>	Rossetti / Delaware County

## PPL PARK CHESTER, PENNSYLVANIA USA

### **The challenge – provide an architectural high point for new soccer stadium**

The city of Chester, next to Philadelphia, is re-inventing itself after decades of decline. By building PPL Park, a soccer-specific stadium at the base of the Commodore Barry Bridge, the city hoped to kick start renewed life and vitality in an important historic location.

A key challenge for this project was cost. Project directors recognised that a lightweight tensile membrane roofing system would meet functional and aesthetic requirements for much less than a traditional roofing system. Other challenges included a tight timeframe and difficult site access.

### **The solution – early input and a full service package for a result the community loves**

Our experience with the Rio Tinto stadium in Salt Lake City, and the reputation it has with the soccer community, gave us the edge to win this important contract. The tension membrane roof was the iconic architectural element for the Rio Tinto stadium, as it would be for this project.

Structurflex provided early design input, because it was important to integrate the membrane engineering with other vital elements, such as water drainage, wiring and media systems. We recommended PTFE-coated fibreglass, due to its superior translucency, longevity, fire rating and strength. Once the design was finalised, we provided the final engineering package, full tensile membrane system and complete installation.

Chester is immensely proud of its new stadium. It has become a symbol of optimism and renewal for the oldest city in Pennsylvania.

