



# SPECTACULAR SHADE CANOPY FOR SINGAPORE SWIMMING POOL

<b>TITLE</b>	United World College Swimming Centre
<b>DESCRIPTION</b>	Canopy for swimming pool seating area
<b>LOCATION</b>	Singapore
<b>COMPLETED IN</b>	2005
<b>FABRIC AREA</b>	1,080m <sup>2</sup>
<b>FABRIC TYPE</b>	PTFE – Sheerfill V
<b>ARCHITECT/CLIENT</b>	RSP Architects, Planners & Engineers / UWC



## UNITED WORLD COLLEGE SWIMMING CENTRE SINGAPORE

### **The challenge – protection without obstruction**

Tropical heat, a tight budget, strict local building regulations and the requirement to create shade without obstructing the view were the challenges presented by this project.

During the hot season, Singapore's temperatures frequently exceed 40°C. While swimmers at the United World College pool could easily stay cool, spectators in the tiered seating area were exposed to the full strength of the tropical sun. United World College turned to Structurflex for a cost-effective solution that would add value and aesthetic appeal to their recreational asset, within the confines of a strict budget.

### **Our solution – a contemporary cascading canopy**

The Structurflex canopy created for this pool has been designed to provide shade from the sun and protection from the heat, without reducing light levels. Natural light diffuses through the white membrane, which reflects approximately 80% of the sun's heat.

From an aesthetic point of view, the canopy is a triumph. The structure's unique cascading shade follows the contours of the grandstand, adding contemporary architectural character without disrupting spectators' view of the swimming pool. Fully compliant with Singapore's building regulations, the project was completed on time and within budget.

