

## Grandstand Roofing for the Formula One Race Course in Istanbul (Turkey)

A grandstand area for more than 30,000 spectators with an area of approx. 17,000 m<sup>2</sup> was completed right on time for the first Formula One race in Istanbul. The roofing consists of 54 filler wall elements spanned by membranes, each with a size of 9.16 x 33.50 metres. Due to the low design weight of the textile membrane, the roof structure could be given a light and filigree design despite its free overhang of approx. 30 metres. Two large high-point canopies were constructed for the roof terrace areas of the two 25-metre-high VIP towers. The membranes which are made of plastic-coated polyester fabric both have a diameter of approx. 30 metres, thus each covering an area of approx. 800 m<sup>2</sup>.



## Project data

Customer	Formular Istanbul Yatirim A.S.
Architect	ORION Insaat & Dekorasyon, Istanbul
Construction	Ing.-Büro Teschner GmbH, Kosel
Covered Area	2 Hochpunkte für VIP-Tower, Ø 33 m, ÜGF 1.390 qm Überdachung von Tribünen: 54 Felder à 9,16 x 33,50 m, ÜGF 16.570 qm gesamte ÜGF: 18.000 qm
Year of Construction	2005