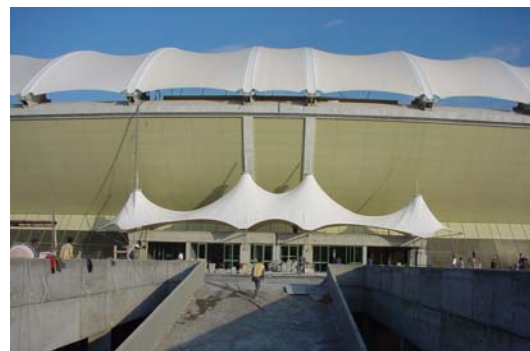


Olympia-Stadium Ashkhabat, Turkmenistan

15,000 square metres of grandstand area and the entrance area in the new Olympic stadium in Turkmenistan's capital Ashkhabat were roofed with a textile construction. 72, ovally arranged, steel girders with a span of 22 metres securely support the vapour barrier made of material that is resistant to tearing over the grandstand where up to 30,000 people have their places.

The roofing material which is made of plastic-coated polyester material must withstand extreme changes in temperature, strong sunlight and sand storms as it is close to one of the largest deserts in the world and it is also designed to be earthquake-proof.

One big advantage of textile stadium roofing on top of the low weight - which also makes highly filigree and hence optically non-disturbing holding construction possible - is its high degree of transparency. Despite perfect sun protection, enough light always comes through to enable unspoilt watching of the playing area - as during the opening ceremony on 27th October, the national bank holiday in Turkmenistan.



Project data Olympia-Stadion Ashkhabat

Konstruktion / Construction	IF Ingenieurgesellschaft Flächentragwerke
Statik / Statical Calculation	IF Ingenieurgesellschaft Flächentragwerke
ÜGF / Covered Area	ca. 15.000 m ²
Baujahr / Year of Construction	2000