

Mambrane structures flexible solution of the modern architecture



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flexible solution of the
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one of the
**World's
leading
companies**

Tensaform in Turkey with 405 completed projects in four continents and continues to grow around the world.

About us

TENSAFORM MEMBRAN YAPILAR A.Ş. Operates and supplies the most creative applications of contemporary architectural approaches; PVC and PTFE stretch membrane structures, textile facade applications, ETFE roof and facade systems, interior and seiling textile applications, light installable and removable tent systems, aluminum steel temporary and rental structures.

Tensaform is preferred over textile architecture and membrane shell structures. The most important difference is the turnkey solution approach from design to application. With the capacity 300,000 m² of PVC, 150,000 m² of PTFE per year, with technological machinery parks, fully integrated



with the needs of today's needs, with fast, creative and professional teams in project consulting, projecting, manufacturing, installation and service and maintenance issues of PVC, PTFE and ETFE membrane constructions and steel and aluminum structures. And 100.000 m² ETFE production capacity, it has become one of the biggest not only in Turkey but also in the world.

Our Services



Consulting

We support the architectural office and engineers for their projects as doing designs, analysis and detailing based on aesthetic, functional, safety and economics principles by guiding project owners about lightweight structures and steel structures to be used as infrastructures.

Project Design

We do design, engineering, detailing, cost management, project management and method analysis of installation of all kinds of steel + cable + membrane cover projects on behalf of all kinds of architect, engineer and contractors with our teams equipped with latest version software and equipments.

Fabrication

Our factory in Tekirdağ/ Malkara location is the world's largest textile membrane processing plant with 6.000m² closed area and 4.000 m² outdoor field. With the most advanced machinery park, experienced engineers and educated personnel, with annual 300.000 m² PVC, 150.000 m² PTFE, 100.000 m² ETFE processing capacity Is a solution to the textile architecture projects that are being carried out not only in Turkey but also in the whole world.

Installation

Our experienced and trained teams and our technicians provide all sorts of possibilities in order to produce quality field production in accordance with the installation schedules given to them, in accordance with the required equipment and tools, and in accordance with the construction site rules they are attached.

Service and Maintenance

The tensile Structures and ETFE system which are faced all the time dynamic loads have to be checked and controlled at certain times .We carry out maintenance and do the inspection every 6 months in order to ensure that the steel + membrane and ETFE covering systems can last much longer with our special maintenance and service agreement.

Our Team

This innovative partnership spirit takes its strength from being supported by an expert team and high technology also, gathering architectural and engineering disciplines together.



Project department
Civil Engineers, Architects,
Technicians



Membrane manufacturing department
Civil Engineers, Technicians.



Marketing, administrative affairs & PR department
Civil Engineers, Architects,
Technicians



Quality control department
Civil Engineers, Technicians.



Assembly department
Civil Engineers, Technicians,
Supervisors

Our Products

The most important factor that makes Tensaform preferred in textile architecture and membrane shell structures is its turnkey approach from design to Installation . It has earned its place among the biggest companies of its industry not only in Turkey but also around the world in terms of project consulting, planning, manufacturing, assembly, service and maintenance for PCT, PTFE, ETFE membrane structures and steel and aluminum structures with its rapid, creative and professional teams, its advanced machinery that meets today's needs, and a production capacity of 300,000 m² for PVC, 150,000 m² for PTFE and 100,000 m² for ETFE.

1

PVC & PTFE Shades

Covering of Stadiums, amphitheatres, tensile shades, tensile structures, umbrellas, carparks , mall roof etc

2

Etfe Systems

Mall roof with high transparency with acceptable U value.

3

Textile Facade Systems

Esthetic with Protecting from the sun UV and blocking the heat outside of the bulding

4

Tensile Systems

Lightweight , durability, cost saving from the structures

5

Moduler Systems

Easy assembly and de-assembly, saving time and cost

6

Retractable Shades System

Enjoying your time in kind of weather conditions with remote control systems

Fabrication Services

Our factory located in Tekirdag / TURKEY is one of the biggest textile Membrane processing plant of the world with 6.000 m² closed area and 4.000 m² open area and has the most advanced machine parks .

With Ptfе, pvc and etfe welding machines in every size, experienced engineers and educated personnel, with a capacity of 300.000 m² PVC, 150.000 m² PTFE and 100.000 m² ETFE per year, it is the fastsolution for the textile architectural projects which are being done not only in Turkey but also all over the world.



Our Advantages

Design and engineering

We can supply engineering , detailing and design of any kind of architectural shades , light weight , cable net and ETFE cushions system at our Office with our experienced engineers and architects.



Professional production

In our facility which we can control all the process from the material procurement until the last production and it is going on under our experts, engineers and technicians control that has a European standard.

Capacity and factory analysis

Our factory that is located on 10.000 m² area, which has a 6.000 m² closed production area is the largest factory in comparison with the round countries. Our factory has 12.500 m²/month and 25.000 m²/month PVC membraneproduction capacity by using the most developed machines.

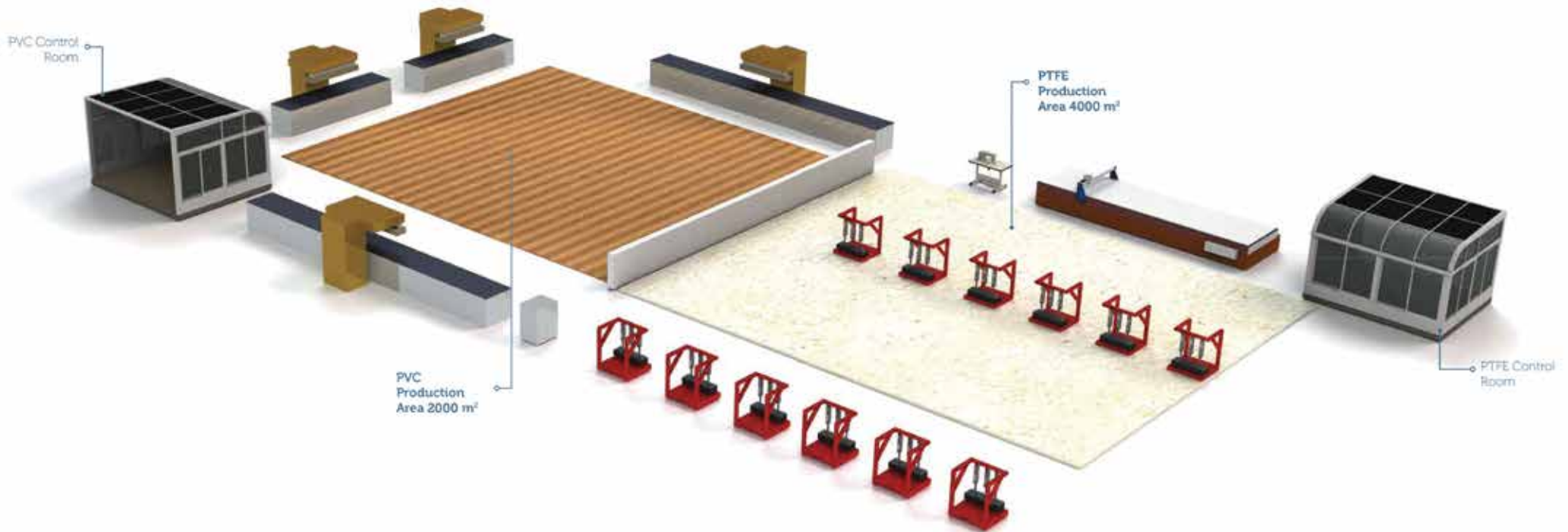
Quality and work safety

We are always giving particular importance to quality and work safety and we are working with OSGB (safety and quality unit company) and using special equipments while performing a service.

Logistic and economic

Because of that Turkey is in the center of World as between middleeast, Mid Asia, Europe and Africa the transportation and custom Works are so much easier than other countries and this provides a good advantage about the costs of transportation and custom Works.

Factory Production



PRODUCTION CAPACITY

PTFE	150.000 m ² / year
PVC	300.000 m ² / year
ETFE	100.000 m ² / year



PVC PRODUCTION NUMBER OF EMPLOYEES

Production Chief	:	1
Technicians	:	4
Employees	:	16
Quality Control	:	1



PVC MACHINE PARKUR

Hf Machine	:	4 Pieces Fostrom, 22 m Table Length
Hf Machine (Movable)	:	1 Pieces Uhf Machine, 3 m Table Length
Cutting Machine	:	2 Pieces (SMRE 21 m Length Table, 5m widht.) (GERBER 24 m Length Table, 3m widht.)
Keder Welding Machine	:	1 Pieces
Ferrari Grinding Machine	:	1 Pieces
Digital Hot Welding Machine	:	8 Pieces
Sewing Machine	:	3 Pieces



**PTFE PRODUCTION
NUMBER OF EMPLOYEES**

Production Chief	:	1
Technicians	:	6
Employees	:	23
Quality Control	:	1



**PTFE
MACHINE PARKUR**

Big Iron	:	22 Pieces
Small Iron	:	21 Pieces
Hot Cutter	:	15 Pieces
Controllor	:	23 Pieces
Big Press	:	8 Pieces
Small Press	:	2 Pieces
SpecialIron	:	1 Pieces
Cutting Machine	:	22 m Table, Lenght 5 m width



**ETFE PRODUCTION
NUMBER OF EMPLOYEES**

Production Chief	:	1
Technicians	:	6
Employees	:	8
Quality Control	:	1



**ETFE
MACHINE PARKUR**

Etfе Adhesion Machine	:	1
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Pvc&Ptfe Shades

The material used in the membrane structures is a special type of fabric obtained by wovened the fibres which are the main carriers of the membrane cover. Acrylic, PVDF (fluorine), non-weldable PVDF (100% fluorine) lacquer layer can be preferred in PVC coatings according to the feature of the used progeny.

Alternatively, membranes coated with a Nano-technological TiO₂ layer can be used. This TiO₂ layer is not a lacquer but a separate layer made on PVC. It contains active (photocatalytic) components with the sun's rays and keeps the white onion coming out for years. This lacquering makes the life span of the Membrane more than 20 years.





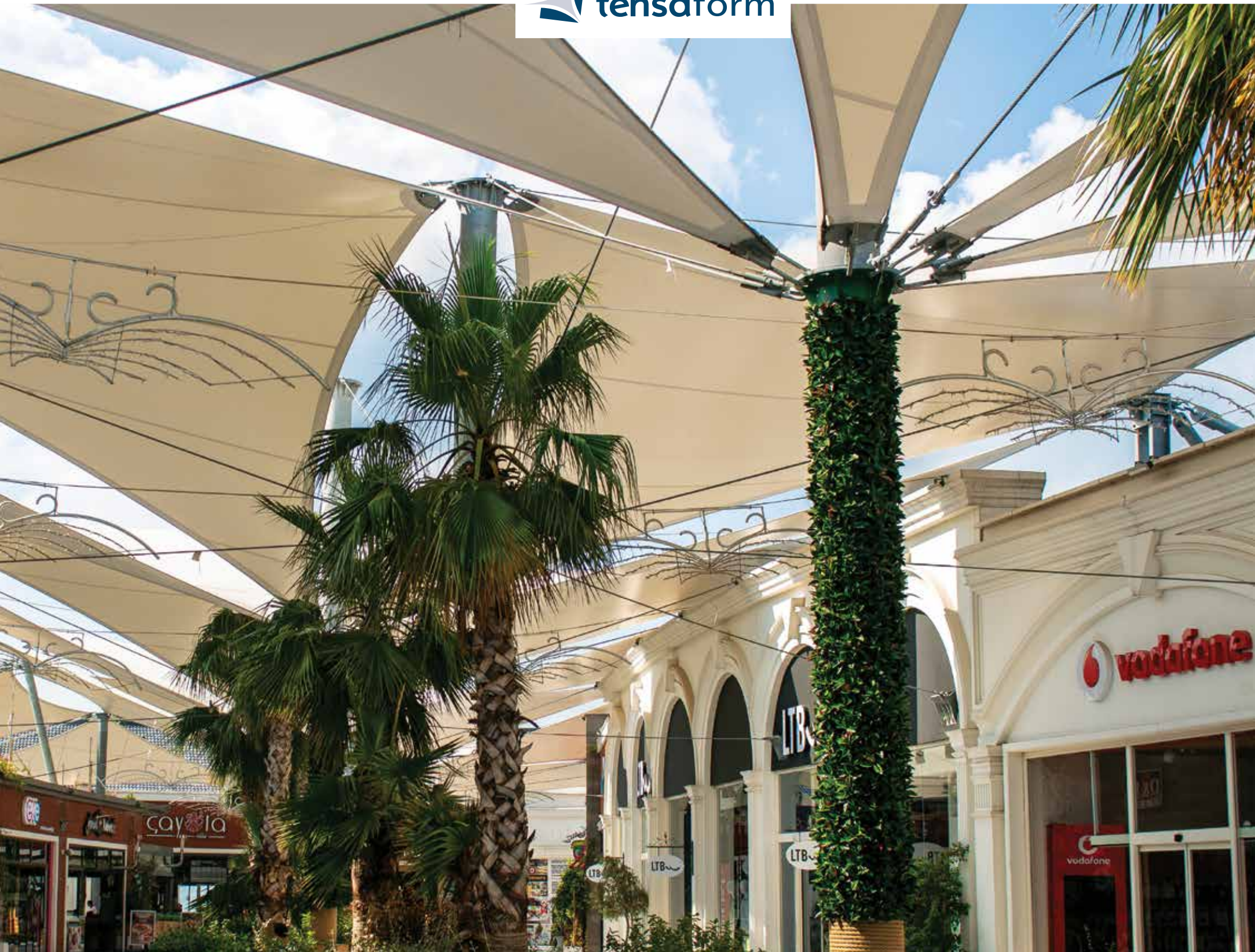
**EXPO 2016 / ANTALYA
TURKEY 2016**



GÖBEKLİTEPE ARCHAEOLOGICAL SITE
TURKEY 2018







VIAPORT TUZLA MARINA
TURKEY 2017





ERASTA MALL ANTALYA
TURKEY 2014

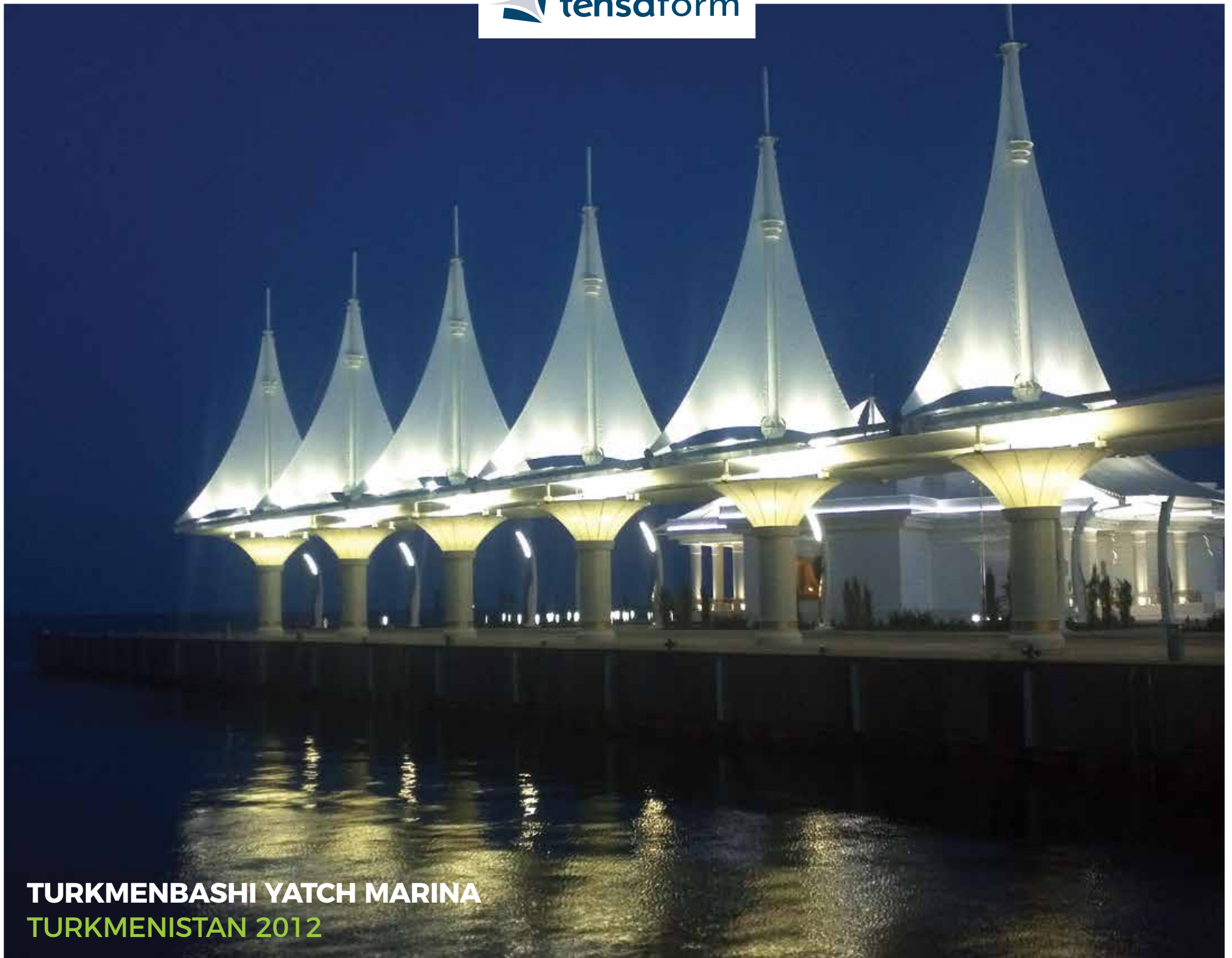
**PRINCE MOHAMMAD
BIN ABDULAZIZ
INTERNATIONAL AIRPORT**
SAUDIA ARABIA 2015





**NORTH ANKARA
LANDSCAPE
TURKEY 2013**

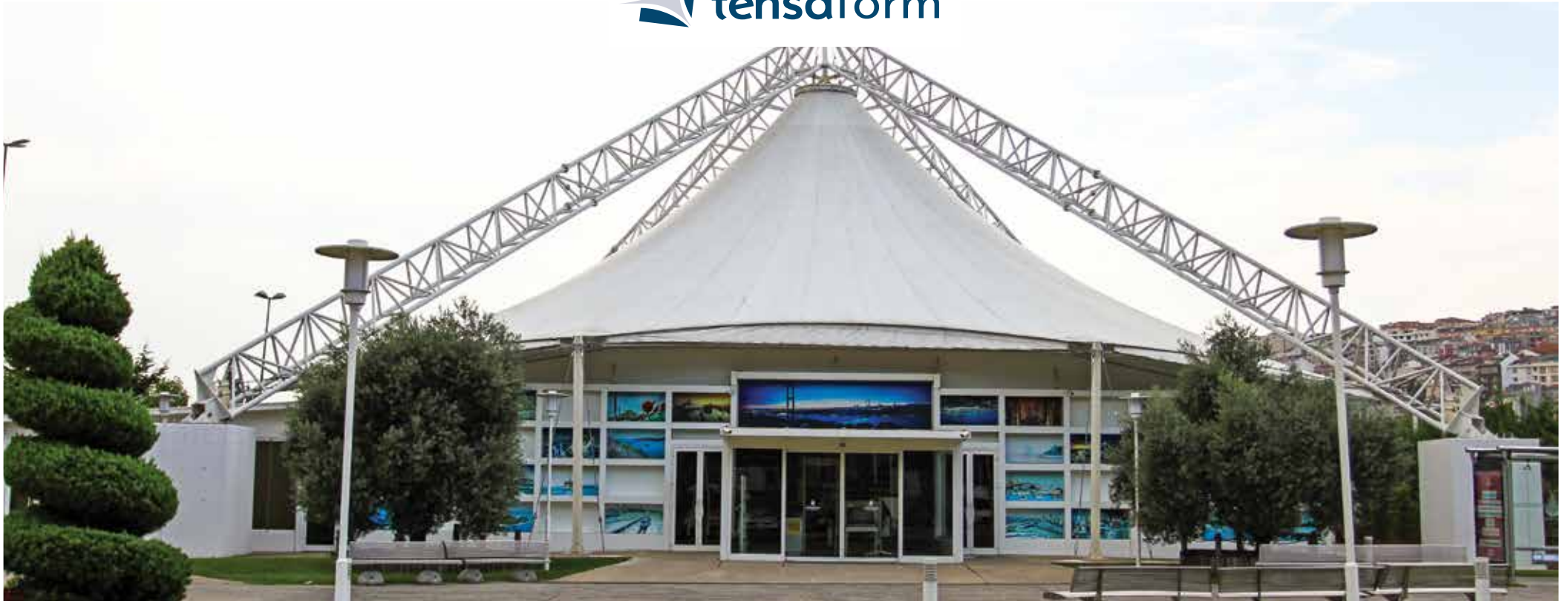




TURKMENBASHI YATCH MARINA
TURKMENISTAN 2012

ANKARA CITY
HAYDAR ALIYEV LEISURE PARK
TURKEY 2013





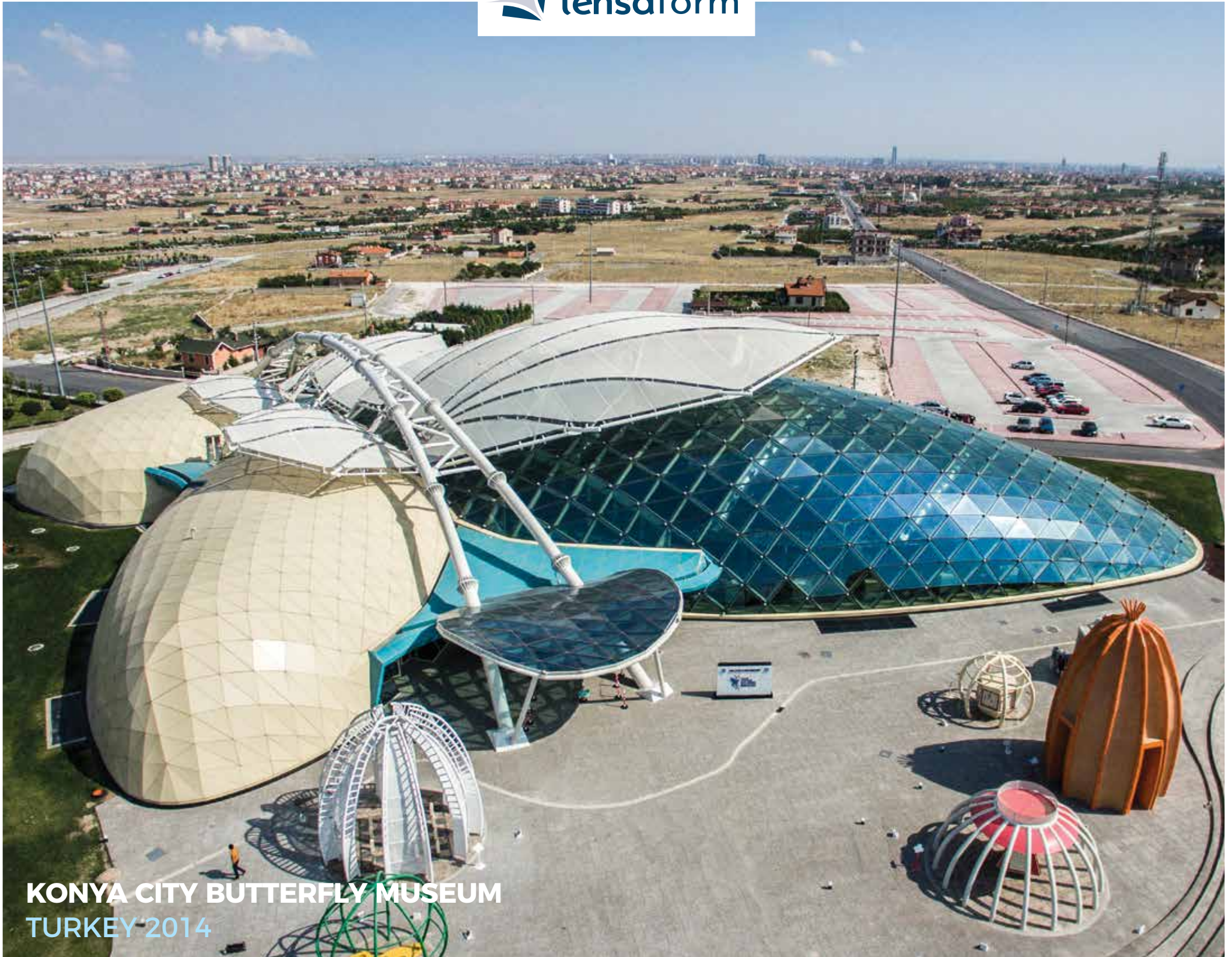


DAP ISTMARINA
TURKEY 2018





**ZİRVE UNIVERSITY
SPORTS HALL
TURKEY 2009**



KONYA CITY BUTTERFLY MUSEUM
TURKEY 2014

Etfе Systems

ETFE (Ethylene Tetrafluoroethylene) is a fluoropolymer-based material.

It is an item that is utilized as a part of present day arcitectural because of its light transparency and very less weight. It is normally designed as 2 layers, 3 layers, as inflatable airbags, now and again as single layer.

ETFE material is thin and lightweight. Roughly 1% weight of glass, with excellent weather stability, high transparency and little diffused light, and self-cleaning property.



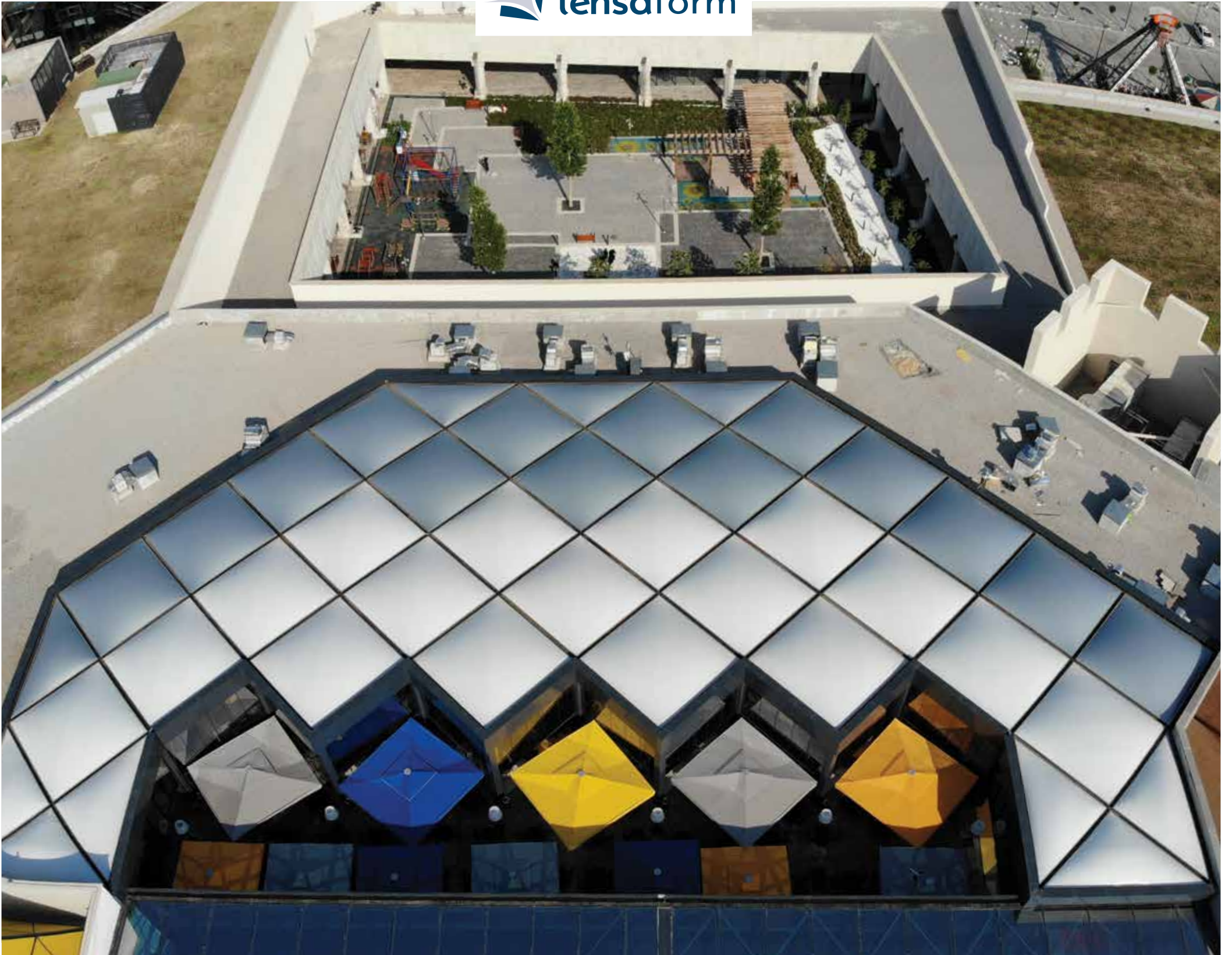


CEZERI SCHOOL ROOF
TURKEY 2016



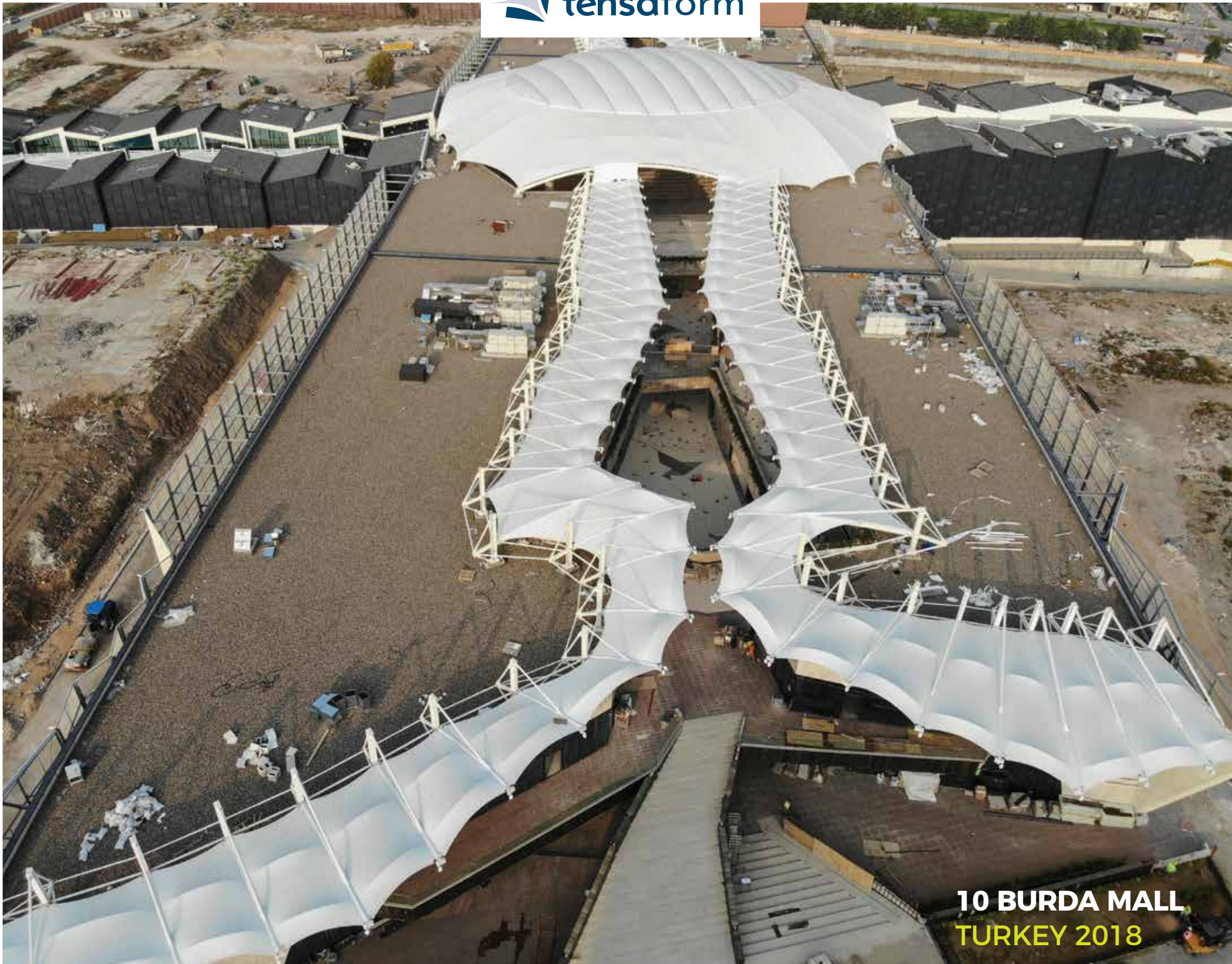
41 BURDA MALL
TURKEY 2018



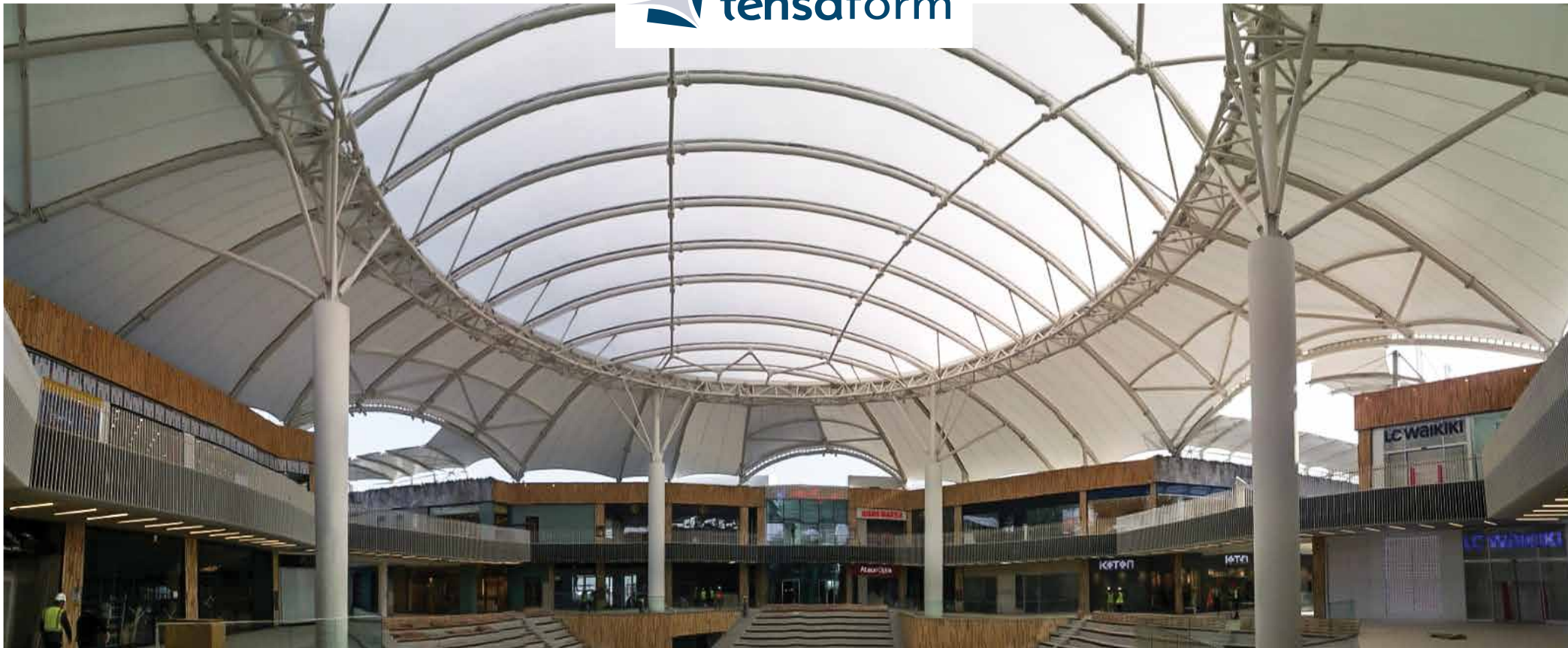




39 BURDA MALL
TURKEY 2018



10 BURDA MALL
TURKEY 2018



Textile mesh Facade systems

Textile facade system can be used from shopping malls to stadiums with its many advantages as printable, thermal insulation, acoustic absorption, impact resistance, UV stability and durability.

Product range is PVC, PTFE, ETFE and coloured material or printed one. It is also flexible material for the architectural design for facade to give unique visual effect.



VAKIFBANK SPORTS PALACE
TURKEY 2016



**BORUSAN AUTOMOTIVE
TURKEY 2017**



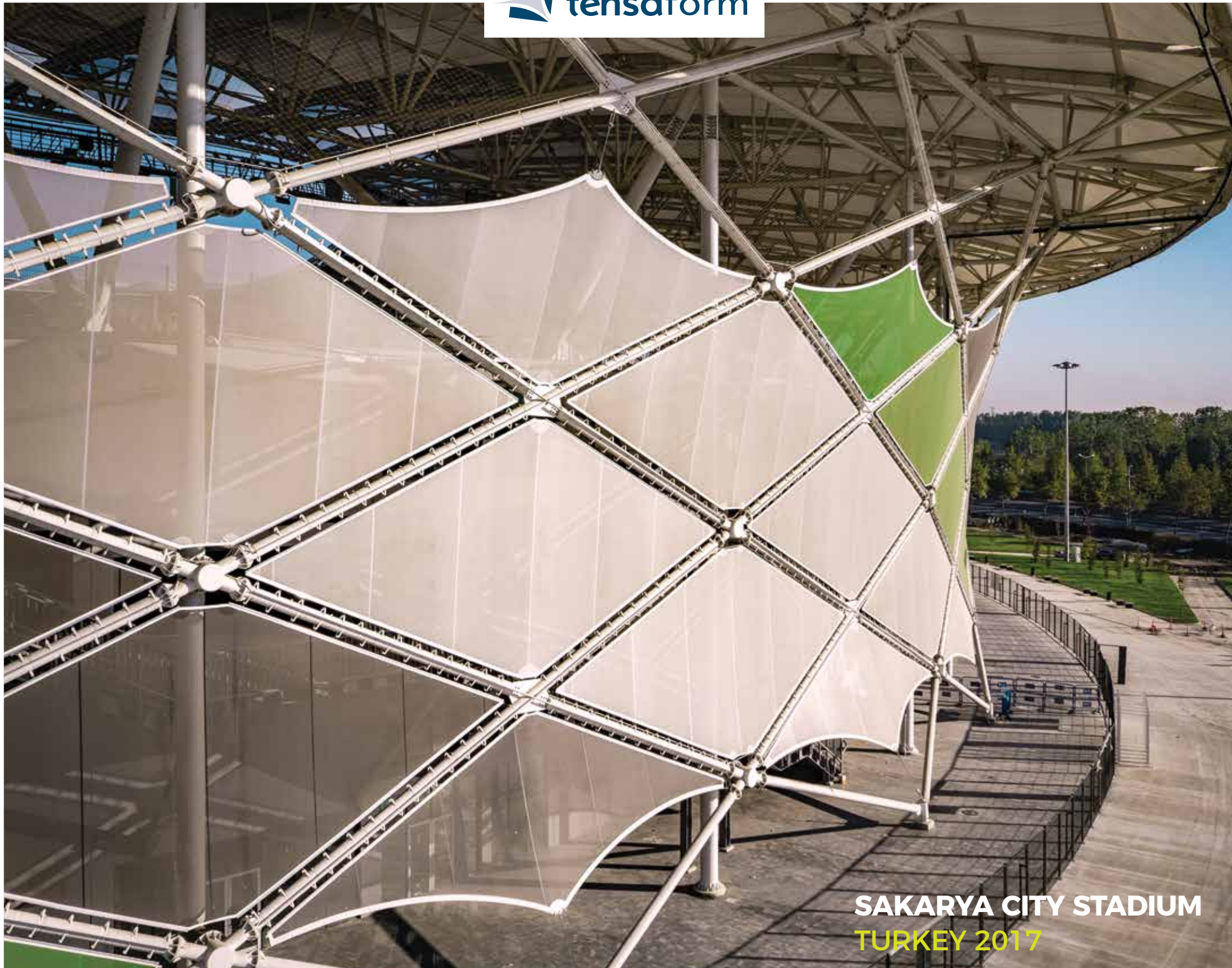


BAKU EUROPEAN GAMES 2015
AZERBAIJAN 2015



224 PLAZA
TURKEY 2018





SAKARYA CITY STADIUM
TURKEY 2017



PSH MARNUELI
GEORGIA 2012





ISTANBUL AXIS MALL
TURKEY 2013



Sun Control Protection Systems

It is an external screen system to provide blocking the wind and heat insulation with remote Control retractable system.

The extensive range of colours of the fabrics and the profiles ensures that the Tensascreen System is in perfect harmony with the architecture of your buildings.





GÜZELCE TENNIS COURT
TURKEY 2018

Retractable Systems

Tensaretract roof systems provide a great way to maximise the use of outdoor areas in any weather or climate.

A retractable roof system protects outdoor areas from the elements, allowing home, restaurant, tennis courts, swimming pools or business owners to enjoy the outdoors all year without worrying about the weather.

Some advantages of Tensaract is:

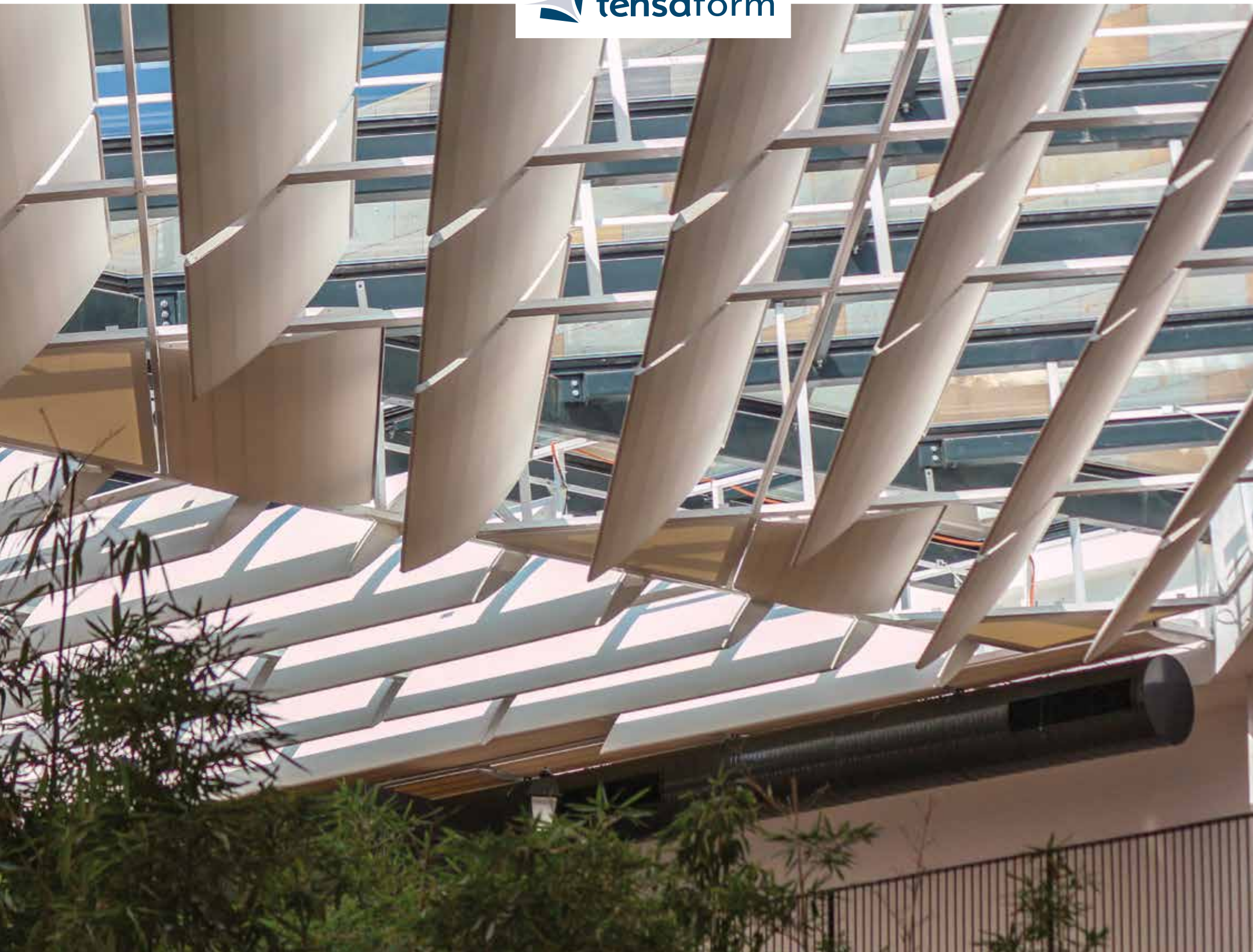
- Versatile shade solution
- Complete rain protection
- Excellent insulative benefits for outdoors and indoors
- Combines easily with outdoor blinds
- Lighting systems for night time entertaining
- Cooling mist systems to keep summer heat under control
- Extreme durability
- Protects furnishings from fading outdoors and indoors
- Expands your living areas
- Convenient electronic operation





41 BURDA MALL
TURKEY 2018





Stadium Coverings



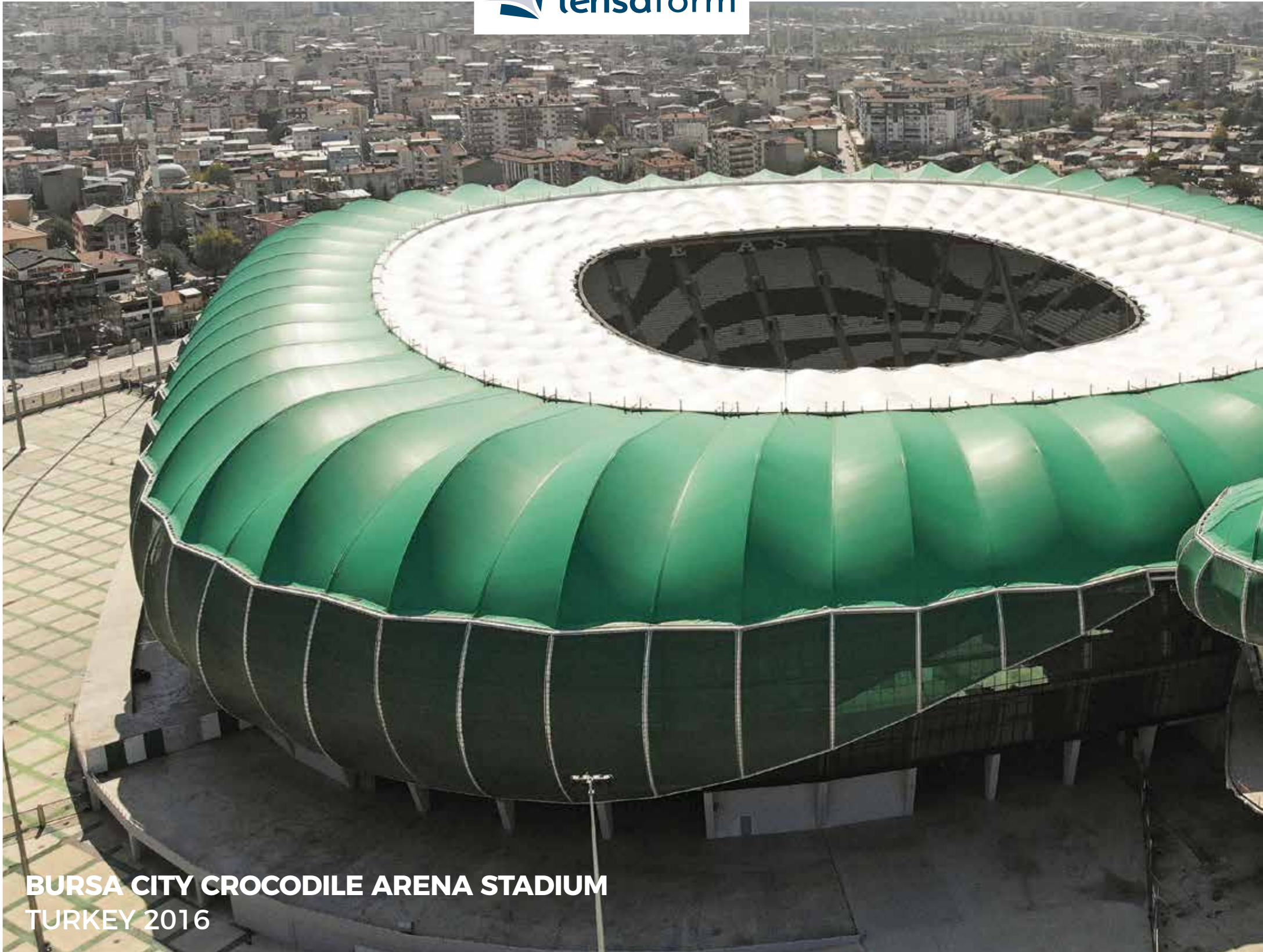


AKHISAR STADIUM
TURKEY 2017



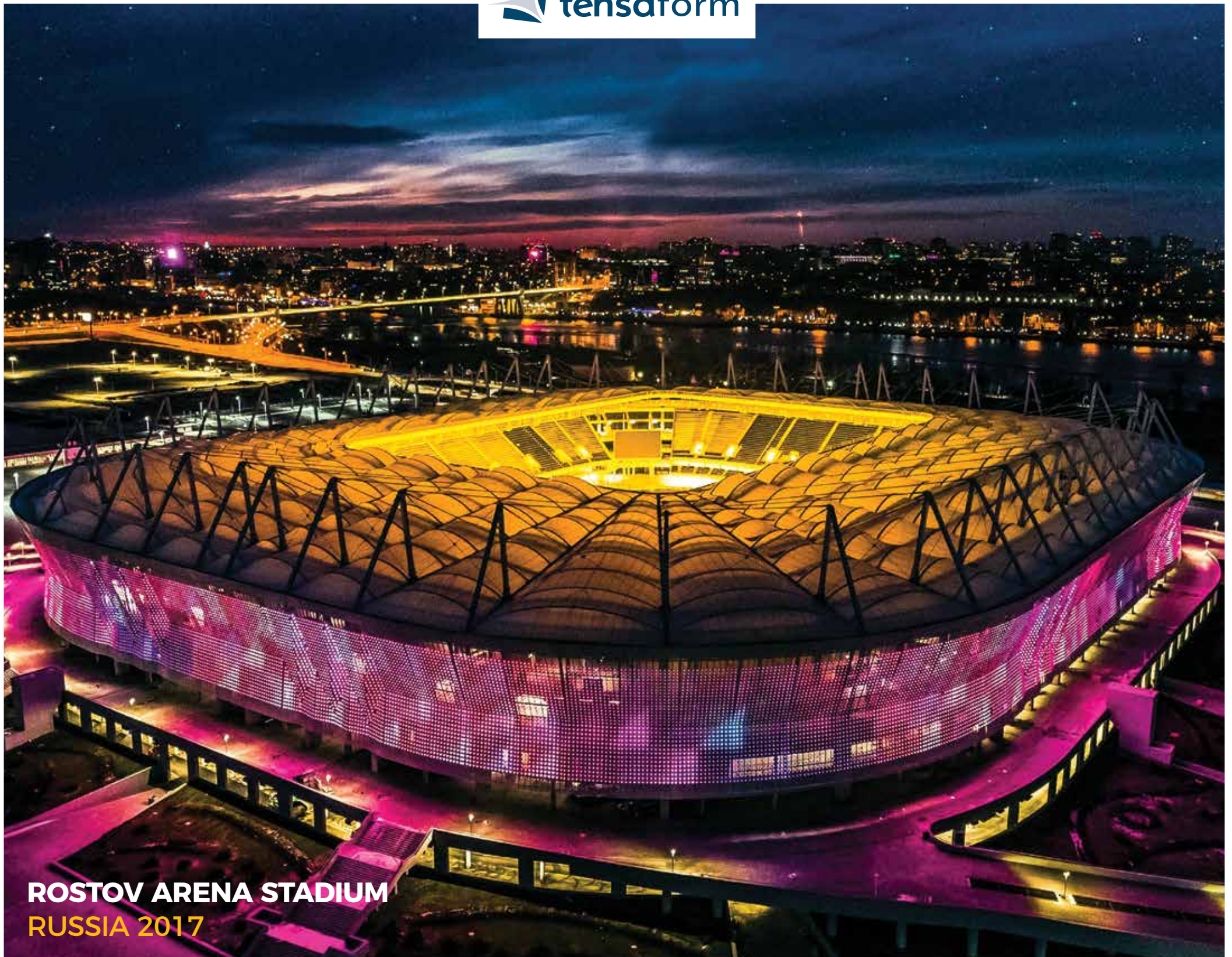
TURKMENISTAN OLYMPIC STADIUM
TURKMENISTAN 2016





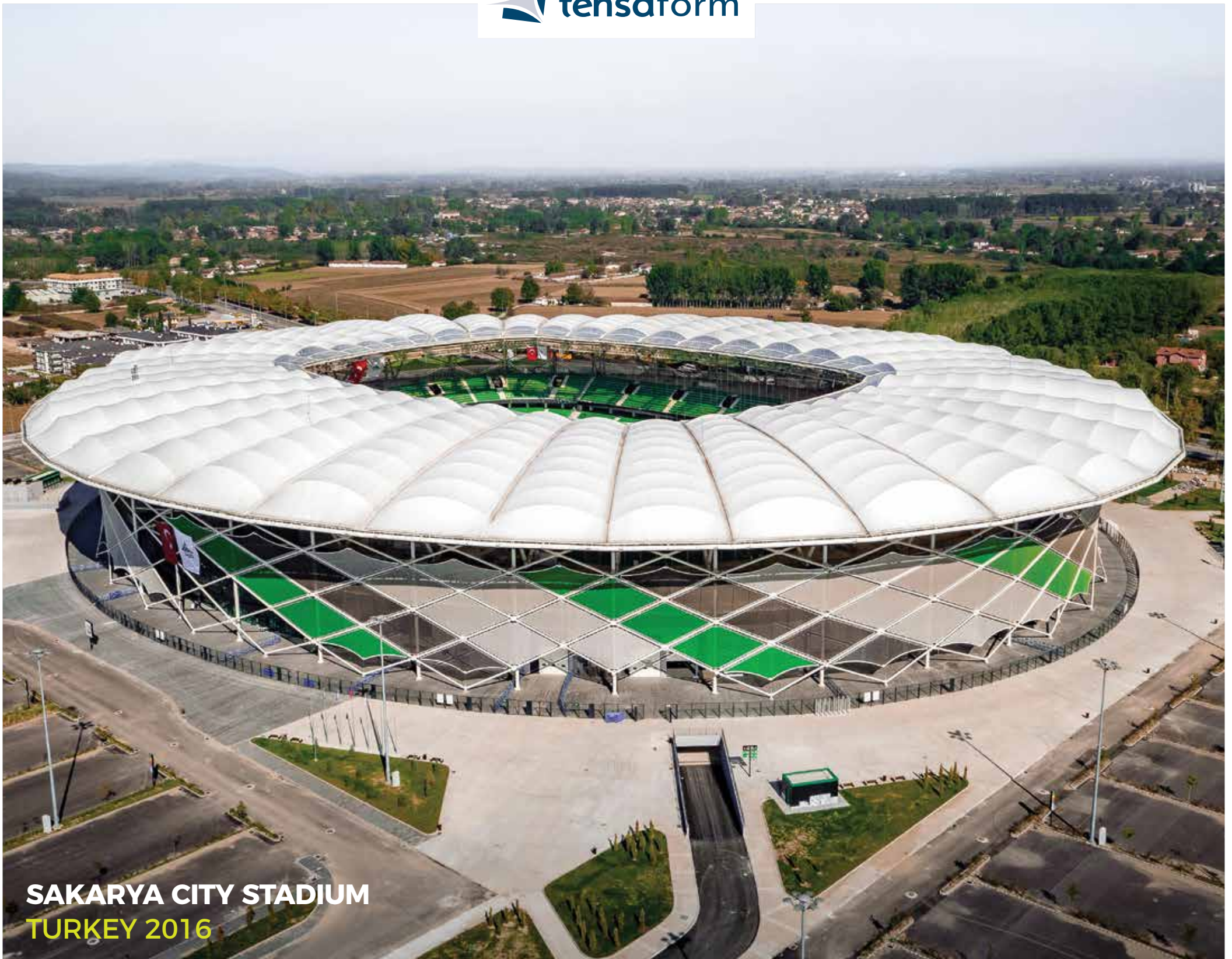
BURSA CITY CROCODILE ARENA STADIUM
TURKEY 2016





ROSTOV ARENA STADIUM
RUSSIA 2017



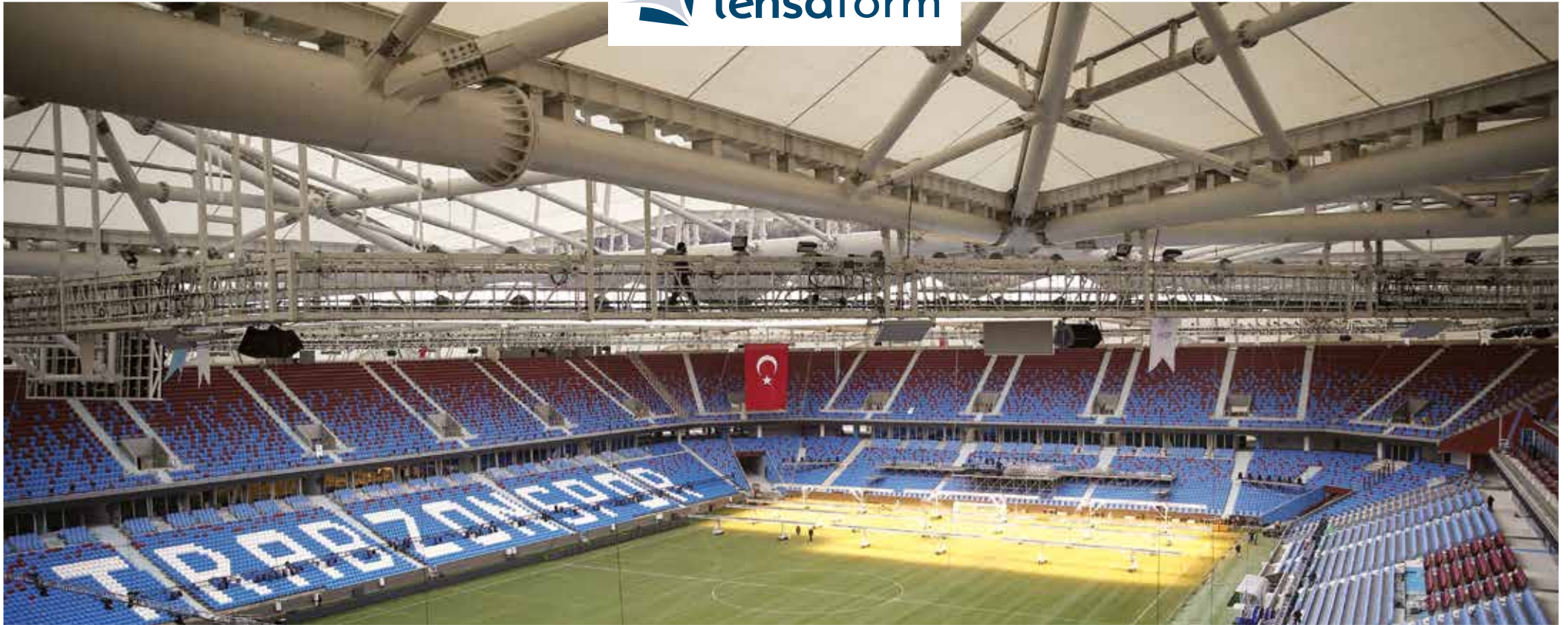


SAKARYA CITY STADIUM
TURKEY 2016





TRABZON AKYAZI STADIUM
TURKEY 2016





KONYA CITY STADIUM
TURKEY 2013

GAZIANTEP CITY STADIUM
TURKEY 2016



Location

Tensaform is located in the center of the world. Due to its location, there is access to reach all seas and oceans. Therefore transportation time is up to 45 days for the globe.









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