



OMEGA TURF

Exclusive Turf Technology by Hatko

## HATKO MAKES THE DIFFERENCE

Year **2006**, we undertook the challenge to become a worldwide brand. We had great ideas and big trust in our vision, never compromising on the quality. With **146** employees, worldwide agents, installation teams, state-of-the-art production facility and **6 million** square meters of production capacity, we have worked harder and harder to achieve the best quality and best products.

**HATKO** is licensed by the FIFA Quality Program for Football Turf, certified by ITF, FIH and IAAF, and is a member of ESTO (European Synthetic Turf Organization). As a specialized artificial grass brand, it aims to provide the correct artificial turf surfaces for various sport and entertainment fields, including soccer, tennis, rugby, baseball, landscaping, and golf, in accordance with the changing needs of the facility managers, the players and the private customers.

Based in Turkey & Holland, HATKO's manufacturing plant covers a 25.000m<sup>2</sup> surface and is equipped with cutting-edge technology.





HATKO- is now one of the world's leading manufacturers of synthetic sports surfaces: from running tracks to all-weather and soft-impact surfaces, to highly developed artificial turf systems, we offer the full product range from a single source including installation, maintenance and service. **HATKO** is mainly distinguished among other manufacturers with the intensive Research & Development efforts on the system development. **HATKO** uses a distinctive fiber and unique systems and can thus offer synthetic turf systems at long-lasting quality standards to our customers.

We have built the synthetic grass fields in stadiums that hosted the FIFA **U-17 World Cup** Nigeria 2009, 2010 **Gulf CUP** Opening Ceremonies and Final Game in Yemen. Together with our partner - world known yarn producer **TenCate** - we have engineered **exclusive** product **OMEGA TURF** for special projects under severe conditions, such as **Ashgabat Stadium** in Turkmenistan, that has passed the FIFA testing again after 4 years of heavy usage.

Therefore, HATKO is preferred by sports federations, football clubs, and directorates of youth & sports in both national and international tenders.

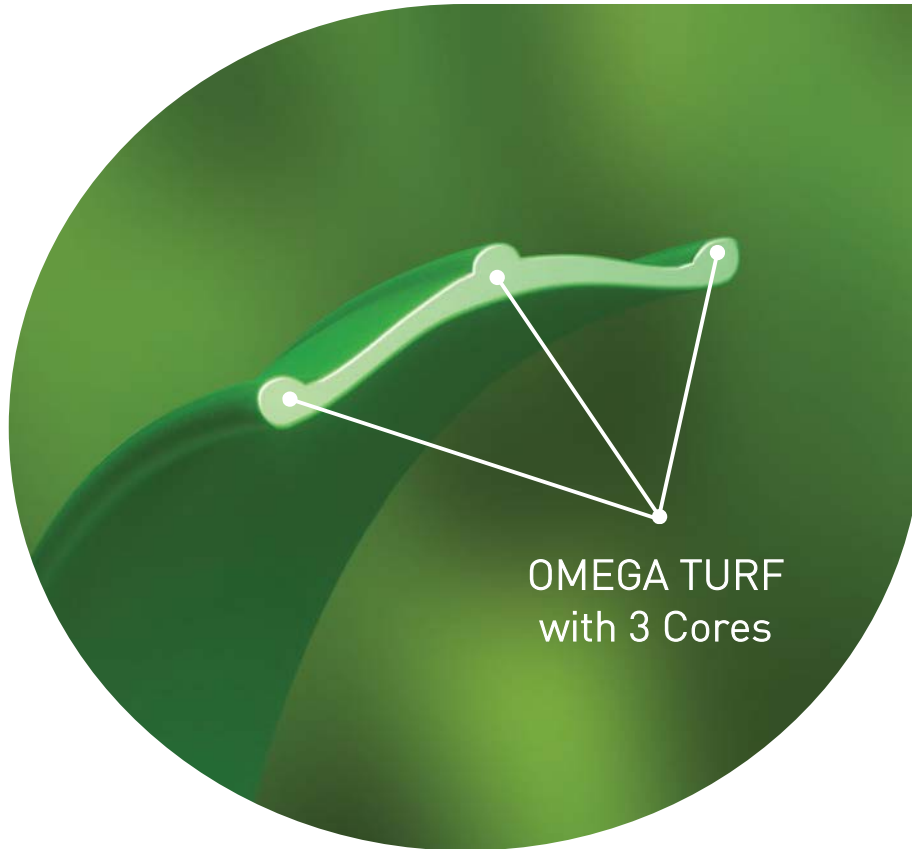
The image features a dark green background with a subtle pattern of grass blades. A white, stylized bracket-like shape is centered, containing the text "OMEGA TURF" in a clean, white, sans-serif font. The background is composed of two main green areas: a solid dark green on the left and a lighter green on the right that contains a close-up, slightly blurred image of grass blades.

OMEGA TURF



# OMEGA TURF

Exclusive Turf Technology by Hatko



Hatko Engineers in R&D spend hundreds of technical hours on examining the natural turf systems and cloned all the benefits of the Natural Turf Blades to our new patented system **OMEGA TURF**. On the best Natural Turf Fields the turf blades have a concave structure, but it is not enough for the perfect results for long playing hours. Hatko engineers revolved the natural turf pitches blades with the engineering techniques and created our new patented turf blade profile **OMEGA**.

The special feature of this new product is that the unique structure of Omega Turf fiber has been produced exclusively for HATKO. OMEGA TURF, with three cores that run vertically on the fiber each of its faces, has been developed to eliminate the break points and to make it more resistant and elastic. The duotone fiber is not reflecting and looks like natural grass.



### ➤ RESILIENCE AND UV DURABILITY

The unique shape of HATKO OMEGA TURF with three cores that run from top to bottom on the fiber each of its faces was created to eliminate breaking points in each artificial grass blade and to ensure a long term resilience. OMEGA fiber is especially developed to resist to early splitting and strong ultraviolet rays. The XQ polymer technology gives extra strength to the Omega fiber.

### ➤ NATURAL APPEARANCE AND BETTER COVERAGE

The general complaint of the players regarding the artificial grass is bad reflection of sun lights. On the best Natural Turf Fields, the turf blades have concave structure; however, it is not enough for the perfect results for the long playing hours. OMEGA TURF fiber, with its unique shape of concave and convex, has been designed to reflect the light better. Unlike other convex blades it has a very high durability even after 20.000 cycles Lisport tests.



### ➤ HIGH PERFORMANCE RESULT

Any top-class artificial grass system must provide safe and comfortable playing surface with good ball roll and shock absorption. HATKO patented OMEGA TURF is designed for professional requirements. High yarn resilience gives players a perfect ball control. Skin friendly high quality fibers reduce the abrasion and maintain a softer surface which comforts players all game long.

### ➤ ECO-FRIENDLY

OMEGA TURF produced by HATKO prevents the irresponsible consumption of the water resources and does not contain any heavy metals and toxic components.

### ➤ BETTER COVERAGE AND LESS SPLASH

Higher face weight gives much better coverage and minimize infill splash. In months with zero vegetational capacity, ensures a playable nice looking pitch all year round. In the carpet construction of OMEGA, extra stable backing is used to facilitate the installation which makes the additions or replacement of parts of the sport pitch much easier and faster

We are using the different types of in-fill and Shock pad materials in our Omega Turf Systems:

### Infill types:

- Black SBR
- PUR-coated SBR
- EPDM in-fill granules
- Cork in-fill

### Shock pad types:

- Prefabricated shock pad 10-23mm
- In-situ shock pad 10-25mm
- Elastolay 20mm- Hatko patented product



### OMEGA TURF [S]

OMEGA TURF S system aims to minimize the use of infill material and to ease the system installation. OMEGA TURF S system meets the highest FIFA Quality Standards for Football Turf with 40 mm pile height synthetic grass and 12 mm prefabricated shock pad underneath.



### OMEGA TURF [R]

OMEGA TURF R system aims to extend the life time of the pitch and playing hours of the game. The system has been chosen by Mr. Riccardo Abumohor, CEO of O'Higgins F.C. for the new training center "Monasterio Celeste" which is the most modern football complex in South America and could be a host complex for the 2015 Copa America



The chief executive of Football Association of Ireland, Mr. John Delaney said "It is a proud day for the club and for Irish football" at the opening ceremony of Stella Maris F.C. where OMEGA TURF S system has been installed. The system installed at Stella Maris FC- Ireland, had been re-tested and met FIFA STAR 2 criteria. OMEGA yarn maintains its performance even in rainy and cold weather conditions as well as hot GCC climate





### FIELD CERTIFICATE

#### QIRYAT SHEMONA TRAINING CENTER

FIFA is pleased to confirm that  
**OMEGA TURF R**

by  
**HATKO DOKUMA VE TEKSTIL INSAAT VE TIC.LTD.STI.**  
has been installed at  
**QIRYAT SHEMONA TRAINING CENTER - QIRYAT (ISRAEL)**

From **6 DECEMBER 2016** to **5 DECEMBER 2017** this installation has been certified according to the "FIFA QUALITY PROGRAMME FOR FOOTBALL TURF – FIFA QUALITY PRO".

Field No. **EA6635.1**  
Zurich, 7 DECEMBER 2016



Mr. Joseph S. Blatter  
President Fédération Internationale de Football Association



### FIELD CERTIFICATE

#### STELLA MARIS F.C.

FIFA is pleased to confirm that  
**OMEGA TURF S**

by  
**HATKO DOKUMA VE TEKSTIL INSAAT VE TIC.LTD.STI.**  
has been installed at  
**STELLA MARIS F.C. - DUBLIN (IRELAND, REPUBLIC OF)**

From **24 APRIL 2014** to **23 APRIL 2015** this installation has been certified according to the "FIFA QUALITY PROGRAMME FOR FOOTBALL TURF – 2 STAR".

Field No. **EA4851.1**  
Zurich, 24 April 2014



Mr. Joseph S. Blatter  
President Fédération Internationale de Football Association



### FIELD CERTIFICATE

#### CHARLEVILLE COMMUNITY SPORTS COMPLEX LTD

FIFA is pleased to confirm that  
**OMEGA TURF S**

by  
**HATKO DOKUMA VE TEKSTIL INSAAT VE TIC.LTD.STI.**  
has been installed at  
**CHARLEVILLE COMMUNITY SPORTS COMPLEX LTD - CORK (IRELAND, REPUBLIC OF)**

From **14 JANUARY 2015** to **13 JANUARY 2016** this installation has been certified according to the "FIFA QUALITY PROGRAMME FOR FOOTBALL TURF – 2 STAR".

Field No. **EA5331.1**  
Zurich, 14 January 2015



Mr. Joseph S. Blatter  
President Fédération Internationale de Football Association



### ➤ 64 Countries world wide more than 2.000.000 m<sup>2</sup> of Sport Surfaces a Year

HATKO is one of the leading companies in synthetic grass industry with its special system designs and strong dealers in various continents. With FIFA Recommended fields from South America to South Korea, HATKO, with its exclusive OMEGA TURF systems, aims to satisfy the clients with its high quality and to provide them with longer playing hours on a safe playing surface under all climatic conditions. OMEGA TURF systems are well preferable among the regular monofilament products in the market . Already installed at many prestigious universities and football clubs.

OMEGA TURF systems proved its high quality, performance and durability under different climatic conditions in four different continents . DAMMAM University training field in Saudi Arabia; Stella Maris F.C. and Crumlin United F.C. in Ireland; O'Higgins F.C. and Centro Deportivo Amador Donoso in Chile; Ashgabat Stadium in Turkmenistan are some of the facilities that benefit from the advantages of OMEGA TURF.





We thank you for your trust, let's develop the sports together!

Please Contact Us  
For More Information

[info@hatkosport.com](mailto:info@hatkosport.com)  
[www.hatkosport.com](http://www.hatkosport.com)

