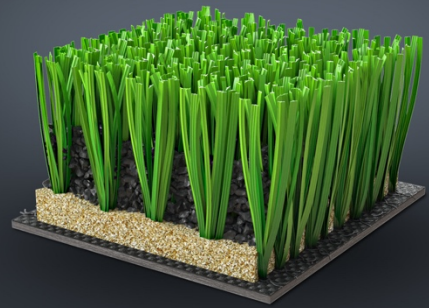




## OMEGA TURF R



### Description

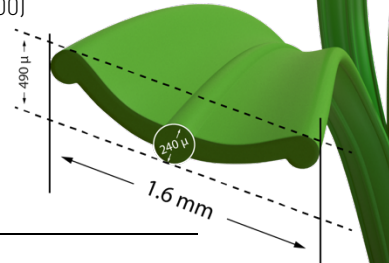
The special feature of this new product is that the unique structure of Omega Turf® fiber has been produced exclusively for HATKO.

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.

### Technical Characteristics

#### ~ Yarn characteristics:

|                |   |
|----------------|---|
| Composition    | : %100 Polyethylene                         |
| Structure yarn | : Straight Mono Omega shape 3 cores Duotone |
| Weight         | : 12.000/6 D-tex (wrapped 12.500)           |
| U.V Stability  | : 5000 Hours UVA & UVB                      |
| Light Fastness | : Grey Scale 1-5>3                          |
| Yarn Thickness | : 490 µ depth 240 µ core                    |
| Yarn Width     | : 1.6 mm                                    |
| Yarn Count     | : 6   |



#### ~ Tuft characteristics :

|                    |                      |        |
|--------------------|----------------------|--------|
| Gauge              | : 5/ 8"              |        |
| Tufting            | : In line            |        |
| Pile height        | : 60 mm              | (±1mm) |
| Total Pile height  | : 62 mm              | (±1mm) |
| Number of stitches | : 14 per 10cm        | (±10%) |
| Tuft per M2        | : 8.820              | (±10%) |
| Fibers per M2      | : 105.840            | (±10%) |
| Fibers per tuft    | : 6 ply monofilament |        |
| Total yarn weight  | : 1.350 g/m2         | (±10%) |

#### ~ Backing characteristics:

|                 |   |
|-----------------|---|
| Primary backing | : %100 Polypropylene double layer backing with a load-bearing lathe coat, antibacterial, antifungal and water resistant |
| Weight per unit | : 240 g/m2  |
| Type of coating | : SBR LATEX   |
| Coating weight  | : 1.060 g/m2  |
| Total weight    | : 2.650 gr/m2 (±10%)  |

### Infill / E-layer Characteristics

#### Stabilization Infill

|              |                     |              |
|--------------|---------------------|--------------|
| Quantity     | : 10mm              | (+ or - 10%) |
| Granule size | : d/D - 0.3/1.0 mm. |              |

Silica sand must be siliceous (85% min) washed and dried. The grains must be round and comply with the standards in force in the installation country.

#### Performance Infill

|              |                      |              |
|--------------|----------------------|--------------|
| Quantity     | : 34mm               | (+ or - 10%) |
| Granule size | : d/D - 0.8/ 2.5 mm. |              |

Black SBR rubber must be absent of foreign material.

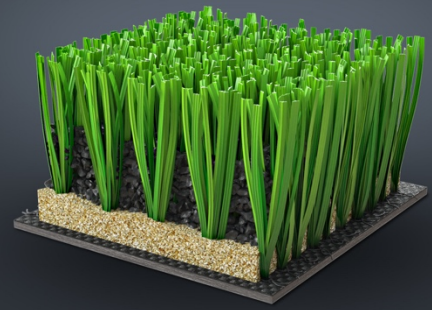
#### E-layer

Not existing



# HATKO

## OMEGA TURF R



### Other Information

#### Uses :

Soccer - other outdoor activities

#### Colors :

Field Green and Lime Green - White

#### Packaging :

Roll width : 4,00 m

Roll length : on demand

#### Laboratory Reports :

FIFA Q / Q PRO / EN 15330 / NF P90 112 /

UVA & UVB

### System Close-up



### HATKO References

#### PROJECT NAME

#### CATEGORY

|                                   |              |                  |
|-----------------------------------|--------------|------------------|
| Dammam University                 | Saudi Arabia | Fifa Quality Pro |
| Crumlin United FC                 | Ireland      | Fifa Quality Pro |
| Stella Maris FC                   | Ireland      | Fifa Quality Pro |
| Timisoara Sports Complex          | Romania      | Fifa Quality Pro |
| Yara Puyesh Aboozar               | Iran         | Fifa Quality Pro |
| Qiryat Shemona Training Center    | Israel       | Fifa Quality Pro |
| Ashgabat Olympic Complex          | Turkmenistan | Fifa Quality Pro |
| Centro Deportivo                  | Chilie       | Fifa Quality Pro |
| Terrain BaMohammed                | Morocco      | FIFA Quality Pro |
| 22 <sup>nd</sup> May STADIUM ADEN | Yemen        | FIFA Quality Pro |
| EL ETIFAQ CLUB                    | Saudi Arabia | FIFA Quality Pro |
| Terrain Hay Hassani               | Morocco      | FIFA Quality Pro |



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