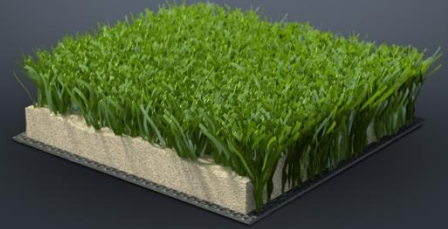




## PENTA 20-20



### Description

Penta 20 is a sand filled synthetic grass system made with 100% polyethylene and designed for all weather multi-sport playgrounds. It offers good and consistent ball bounce. Made by resilient and durable fibrillated fiber and can be used for multisport pitches and outdoor facilities.

### Technical Characteristics

#### ~ Yarn characteristics:

Composition	: %100 Polyethylene
Structure yarn	: Straight Fibrillated
Weight	: 5.500/1 D-tex
U.V Stability	: 5000 Hours UVA and UVB
Light Fastness	: Grey Scale 1-5>4
Color Fastness	: Blue Scale 1-8>7
Yarn Thickness	: 110 μ
Yarn Count	: 1

#### ~ Tuft characteristics :

Gauge	: 3/ 8"
Tufting	: In line
Pile height	: 20 mm (±1mm)
Total Pile height	: 22 mm (±1mm)
Number of stitches	: 20 per 10cm (±5%)
Tuft per M2	: 21.000 (±5%)
Fibers per M2	: 42.000 (±5%)
Total yarn weight	: 545 g/m2 (±5%)

#### ~ Backing characteristics:

Primary backing	: %100 PP Thiobac
Weight per unit	: 180 g/m2
Type of coating	: SBR LATEX
Coating weight	: 900 g/m2
Total weight	: 1.625 g/m2 (±10%)

### Infill / E-layer Characteristics

#### Stabilization Infill

Quantity	: 32 kg/m2 or 20mm (+ or - 5%)
Granule size	: d/D - 0.5/ 1.0mm.

Silica sand must be siliceous (85% min) washed and dried.

#### Performance Infill

NOT EXISTING

#### E-Layer

N/A or upon request





### Other Information

**Uses :**  
Multisport

**Packaging :**  
Roll width : 4,00 m  
Roll length : on demand

**Colors :**  
Dark Green and Lime Green – White

### System Close- Up



### HATKO References

<b>PROJECT NAME</b>	<b>COUNTRY</b>	<b>CATEGORY</b>
Batman 19 May Stadium	Türkiye	FIFA Quality
Republican Central Stadium Dushanbe	Tajikistan	Fifa Quality Pro
American School	Singapore	Fifa Quality Pro
Dammam University	Saudi Arabia	Fifa Quality Pro
Crumlin United 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	Chili	Fifa Quality Pro
Terrain BaMohammed	Morocco	FIFA Quality Pro
22nd May Stadium Aden	Yemen	FIFA Quality Pro

