



 **JUTAgrass**[®]

registered trademark of JUTA engaged in the manufacturing of artificial grass

www.jutagrass.com



For more than 40 years, JUTA has been processing polypropylene and polyethylene for technical textiles. This long-term experience enables us to guarantee high quality and durability of our products. Their structure, composition and installation meet the highest quality requirements.

Professionalism, innovation and flexibility are the fundamental attributes of our team. Our creative approach is the key to an excellent customer service.



PRODUCT RANGE

JUTA a.s. manufactures a large scale of technical textiles and products. Our customers find the JUTA products in many industries, in packaging market, in agriculture as well as at disposal sites and in water reservoirs.

STRUCTURAL ENGINEERING AND SPECIAL CONSTRUCTIONS

- Junifol® – Geomembranes
- Netex® – Non-woven Geotextiles
- Geojutex® – Woven geotextiles
- JUTAdrain® – Drainage
- JUTAGrid® – Woven geogrid



ROOF AND WALL UNDERLAYS

- JUTAdach®
- JUTAtop®
- JUTAvap®



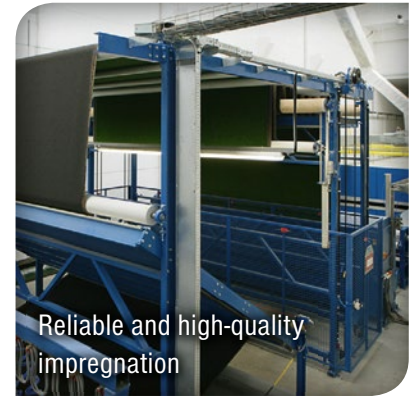
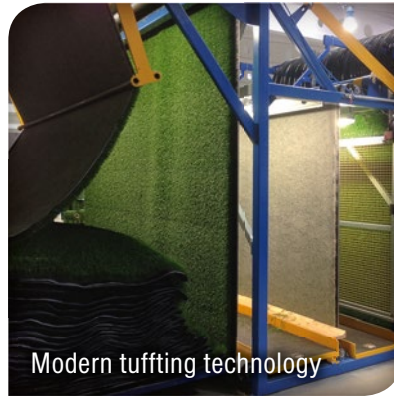
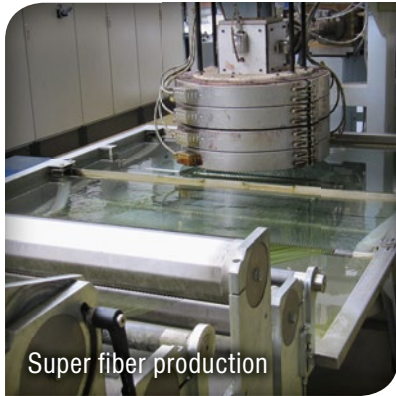
AGRICULTURAL AND PACKAGING PRODUCTS

- Agrotextiles
- Raschel bags
- Big bags
- JUTAnet® – Round bale nets
- PP fabric

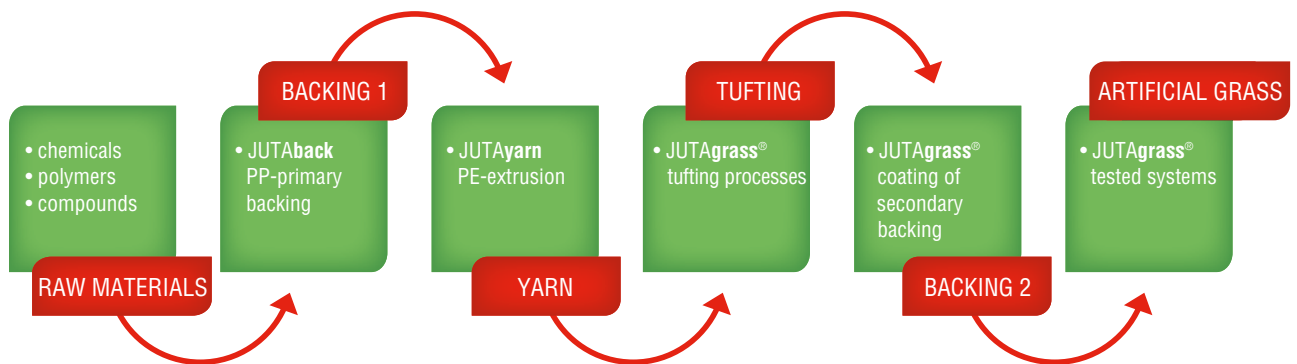


„ALL UNDER ONE ROOF“

Our artificial grass products are manufactured from granulate to final product in one production plant



Particular operations of the manufacturing process reflect the experience of the whole JUTA production areas



JUTA has been manufacturing artificial grass of the highest quality since 2009. To date, JUTA has delivered more than 6,500,000 square meters of grass into all sectors. Our unique approach to production which we refer to as “Under one roof concept” represents our greatest advantage and strongest feature. This concept gives us distinct advantages in terms of quality and cost control, flexibility in response to market demand, independency from external suppliers and short delivery times. It also allows us to acquire a unique knowledge of the whole process resulting in innovation and introducing new technologies.



QUALITY IS OUR PHILOSOPHY



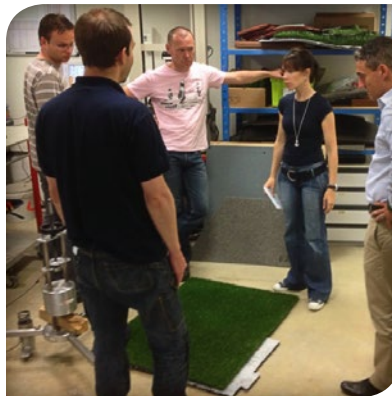
ISO 9001
ISO 14001
OHSAS 18001
BUREAU VERITAS
Certification



JUTA is a partner of the FIFA Quality Programme for Football Turf. The overall concept of quality system monitors all JUTAgrass[®] installations. In cooperation with the manufacturers of the single systems' components i.e. elastic layer, filling, bonding, we are always striving to develop even higher standards of quality. We exhaustively test the individual elements, as well as the whole system and the results help to achieve the desired quality. This is done by our in-house quality assurance as well as by external controllers. Our own laboratory is equipped according to international norms and checks the raw material and the final product in accordance with certificates ISO 9001, ISO 14001 and OHSAS 18001 and MSSs programme. Each installed court is checked when finished and the customer is provided with a final report. JUTA also cares about the quality of work of our partners who install JUTAgrass[®] products.



Our fully equipped test unit checks the installation of JUTAgrass[®] lawns according to the requirements of the FIFA Quality Programme.



With cooperation from the companies that carry out construction guarantees, the quality requested by the international standards and the FIFA Quality Programme is consistently achieved.



We collaborate with the leading certified laboratories for the development and testing of products according to European and national standards.

LAWNS COVERING ALL NEEDS



SPORT AND PLAYGROUNDS



- Fast Track
- Basic
- Court
- Match
- Padel
- Effective
- Game



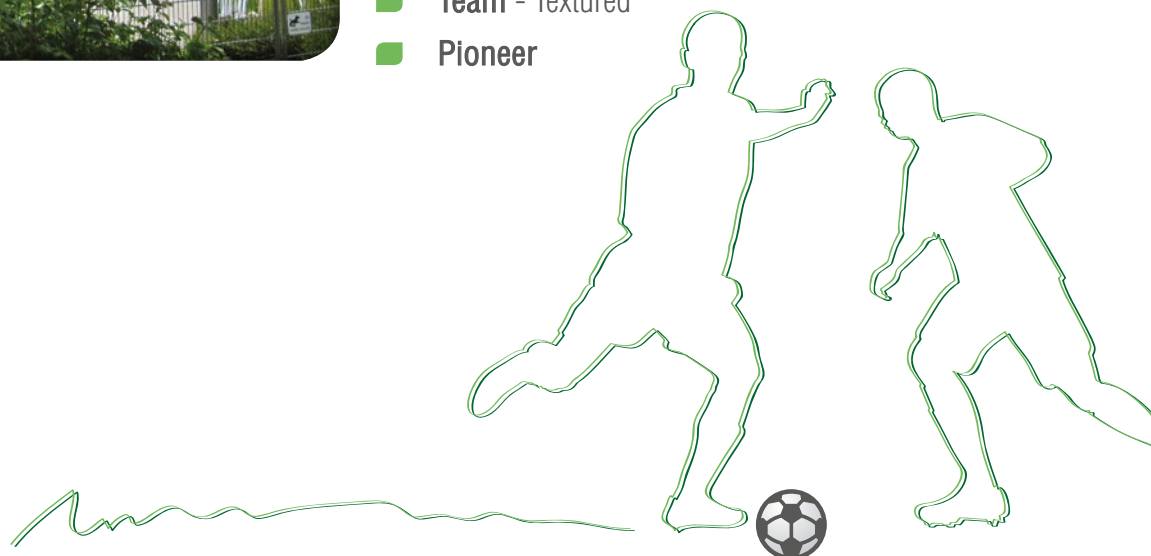
Number of piles: up to 63 000

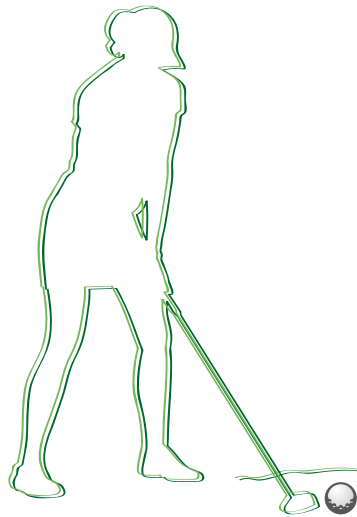


FOOTBALL



- Winner - SL - 275 µm - 1 mm
- Performer - GL - 280 µm - 1,3 mm
- Champion - SL - 320 µm - 1,2 mm
- Master - CL - 370 µm - 1,1 mm
- Warrior - TB - 420 µm - 2,3 mm
- Marauder - Textured
- Team - Textured
- Pioneer





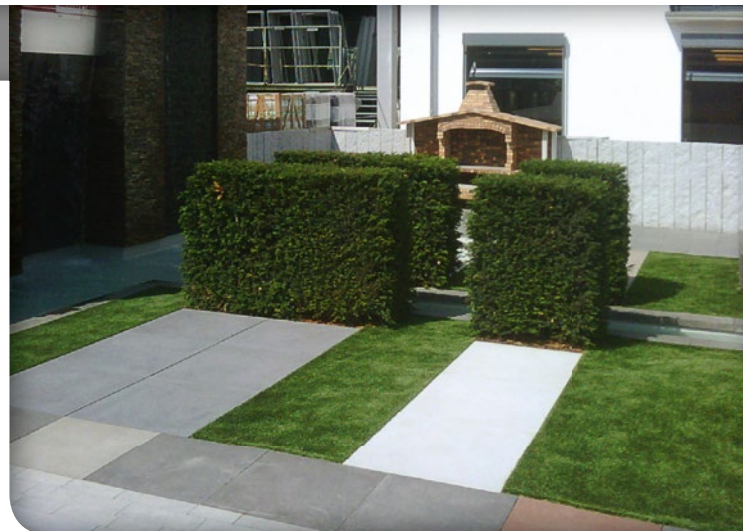
GOLF

- Putting grass
- Adventure and Minigolf



LANDSCAPING AND INTERIORS

- Scenic - 35 mm
- Decor - 23 mm
- Virgin - 18 mm
- Garden - 30 mm
- Step - 10 mm
- Cannes - 22 mm
- Adventure - 10 mm
- Greenville





GARDENS AND POOLS

It is hard to believe that it is a fake lawn. JUTAgrass® artificial grasses are so real to the eye and to the touch. Using more than one shade of green in combination with browns and yellows colour, carefully chosen pile height and rigidity of fibers, mixture of curled and straight yarns give the impression of natural grass, which finds use not only in the garden but also around swimming pools, parks, whether as decorative lawn or grass that can also absorb high foot flow.



BALCONIES AND TERRACES

Laying artificial grass onto balconies, patios or roof terraces is a great solution. It is an extremely easy-care option. JUTAgrass® quality grasses are highly durable and used with garden furniture to create a unique atmosphere to rest and relax or provide safe background for children's play. The look and feel of artificial grass is so realistic and it stays lush and green every day of the year.



PLAYGROUNDS AND SCHOOLS

When it comes to your kids, nothing is more important than their safety. JUTAgrass® artificial grass systems designed for playgrounds are used in combination with an appropriate shock pad layer, then tested, approved and certified to achieve "Critical Fall Height", providing a safe, clean and dry playing surface for children. Lawns are available in several colours.



INTERIORS

Indoor use of artificial grass is appreciated by homeowners with terraces and balconies and also by architects of public spaces. The artificial grass also looks fantastic on display areas or in entrance halls.



CITY LANDSCAPING

Maintaining large lawns requires regular seeding, fertilizing, mowing, weeding and soil aeration. Artificial grass is an excellent alternative to achieve a similar high standard of excellence for your lawn. High durability and natural appearance ensure the coveted level of urban green areas.

FOOTBALL

A wide range of synthetic grass for professional or leisure football, which meets all expectations of players whatever their skill level. We supply complete FIFA attested systems with a choice of different types of shock pad layers and infill. JUTAgrass® football grasses are characterized by high resistance, long lasting, consistent performance and natural look.



TENNIS

JUTAgrass® tennis surfaces are FIT certified and available in several colors – green, olive green, terracotta and blue. Tennis artificial grasses are manufactured exclusively from high quality and very durable polyethylene fibers in sizes corresponding to international standards and are therefore available as kits containing lines with a minimum number of joints.



HOCKEY & RUGBY

JUTAgrass® hockey and rugby surfaces create a perfect foundation for a fast and accurate game. Through the use of high-quality yarns it is possible to have year round gaming performance which can be sustained for several years. JUTAgrass® surfaces are designed for various individual needs whether it is for training facility, sport amateur clubs, school sports equipment or top sports clubs with high quality requirements.



GOLF

JUTAgrass® golf grass offers a high performance golf-green surface with precise ball rolling and bouncing, plus energy absorption characteristics. Together with a special underlay and the ideally matched infill material, you can count on durable long lasting surface which guarantees a high level of play and precise execution of shots and strokes.



MULTISPORT

Artificial grass for multipurpose sports fields or Multi Use Games Areas (MUGA) is an important component of the artificial grass product range. The importance of multifunctionality in training and playing fields is increasingly more important in today's public sector. Appropriate compromise, together with high quality, durability and low maintenance surfaces, JUTAgrass® multisport artificial grasses bring high economic efficiency.




FOOTBALL TURF

PRODUCTS EXCEEDING ALL EXPECTATIONS



JUTAgass[®] WINNER

Thickness 275 µm, width 1,0 mm




This is our basic series of lawns of high resistance. With the fineness of 12,000 dtex, the Winner became a tradition among all sold JUTAgass[®] lawns. Its pile height from 40 to 60 mm is suitable for all surfaces and satisfies the needs of high demanding players. The Winner quality has been proved over the years – the first installation took place in 2010. The appearance and the condition of the fibers confirm its strong mechanical resistance and color fastness.



JUTAgass[®] CHAMPION

Thickness 320 µm, width 1,2 mm




Our premium grade grass designed for extremely exposed areas of professional football fields. With highly durable fibers and the use of a special chemical structure of polymeric compositions, the grass has a high wear resistance. Thanks to the use of lens fibre profile and carefully crafted construction, the ball control, speed and bounce are kept to an optimum. Two contrasting shades of green enhance the vivid appearance of the lawn.



JUTAgass[®] PERFORMER

Thickness 280 µm, width 1,3 mm



This grass provides an excellent surface for playgrounds and has been tested for UV stabilisation. Specially developed fibre chemicals provide softness and reduce the possibility of injury from a fall or slip. The lenticular shape of fibre guarantees a long durability. In combination with the elastic pad, it is used in projects with high demands on the stabilization of the substrate. Performer is increasingly requested by customers and is more often applied in challenging markets and high wear areas.

JUTAgass[®] MASTER

Thickness 380 µm, width 1,1 mm



For those who feel that they still haven't found the right level of resistance and excellent pitch playing characteristics, we have created the JUTAgass[®] Master - a robust quality fiber grass which guarantees high performance, long life span and great playing features. The lawn has a very natural appearance, with wear-resistant thatch and a tactile soft touch. In combination with the high tuft rate, the Master is used by several first league clubs. Combined with elastic layer and the pile height of 40 mm, it meets the highest requirements of the German market. JUTAgass[®] Master gives the football players a natural feeling and allows high technique football, all year round in all weather conditions. Successfully tested for 100,000 cycles load in Lisport.



FC Slovan Frýdlant
Czech Republic
Master 60/140



JUTAgass[®] WARRIOR

Thickness 420 µm, width 2,3 mm



Extremely robust grass with a special "T-Bone" profile which ensures elongated durability and great coverage of the surface. The grass resistance against damages is ensured by combination of two profiles: T-Bone and lens. The thickness of T-Bone central rib is of 420 µm and it constitutes an adequately solid support for the pile, without being too rough. It results in very natural appearance of the lawn and in excellent parameters of the ball behavior. The players speak highly about the Warrior. Combined with natural or artificial infill, it meets the highest requirements on artificial grass pitches. The Warrior is also tested for Football – Rugby combination.



FC Slavoj Vyšehrad
Czech Republic
Warrior



JUTAgass[®] PIONEER

Thickness 230 µm, width 1,0 mm



A diamond-shape profile with 230 µm fineness is tested for public and training pitches. Pile height from 40 to 60 mm and two color shades are available to meet our customers' requirements for installations in colored stripes. This effect resembles a freshly mown lawn. Despite lower fineness, the durability of the grass is ensured by the use of first-rate polymers.





TEXTURIZED GRASS

FOR PUBLIC PLAYGROUNDS AND AMATEUR PLAYERS

JUTAgass[®] MARAUDER

Thickness 170 µm, textured



For Marauder, a special construction of the textured yarn was used. This turf was developed for school and public playgrounds. In combination with sand/SBR infill, it is also certified for hockey and soccer. It is a highly popular product, used for training pitches or courses with higher demands on the purity of the area as its structured fibres prevent from taking the granulate out of the grass. Great coverage and coloring of the Marauder ensure the aesthetic aspect and enjoyment of the game. An 8-12 mm elastic shock pad is usually used for the construction of the pitch. Combined with 35 mm elastic shock pad and pure sand infill, the Marauder 35/140 is often installed in cities in public playgrounds where maintenance is not ensured or the use of appropriate footwear cannot be guaranteed.

JUTAgass[®] TEAM

Thickness 280 µm, width 1,1 mm



Team represents an easy solution for hard conditions. The grass has the same benefits and features as the Marauder. It is installed with the elastic shock pad and infilled with pure sand or with sand/SBR combination. A tough yarn guarantees longevity with minimal maintenance. Also, the RAL certificate proves Team's quality.

JUTAgass[®] ACTIVE

Thickness 300 µm, width 1,1 mm



The fourth generation of artificial grass is declared as the non-infilled one. The Active fulfills this requirement, the EN norm and it is also classified according to NF. If an elastic shock pad is installed, the Active meets all the requirements for football and mini football areas.

The durability of such installation has been tested for several years. It is recommended to use 10 kg of sand infill to stabilize the shock pad. The grass is also used for golf semiroughs.

MULTISPORT AND TENNIS

Artificial grass for multipurpose sports fields and tennis courts represents an important part of our product range. The tennis grass is produced with fibres of 6600 dtex, 8800 dtex and 9000 dtex. Fast track, Effective, Match and Game are tested according to ITF rules.

Play Comfort is one of the bestsellers with texturized yarns and highly homogeneous surface. It is successfully installed around the world in agility centres.



HOCKEY PRO



The newest development of a specialized grass for field hockey. Texturized filament piles with unique finish and construction for quality playgrounds. High durability and density of the grass guarantee game quality for all levels of players. The playgrounds with sand infill also enable long-term use for other sports at public areas.

Playgrounds built by local authorities, schools or sports clubs place high demands on quality and durability. Multisport grass is mainly made of fibrillated tape, tested according to EN 15330-1 and certified by the ITF.

PLAYGROUND – special fibres with antistatic treatment used for public and leisure areas.

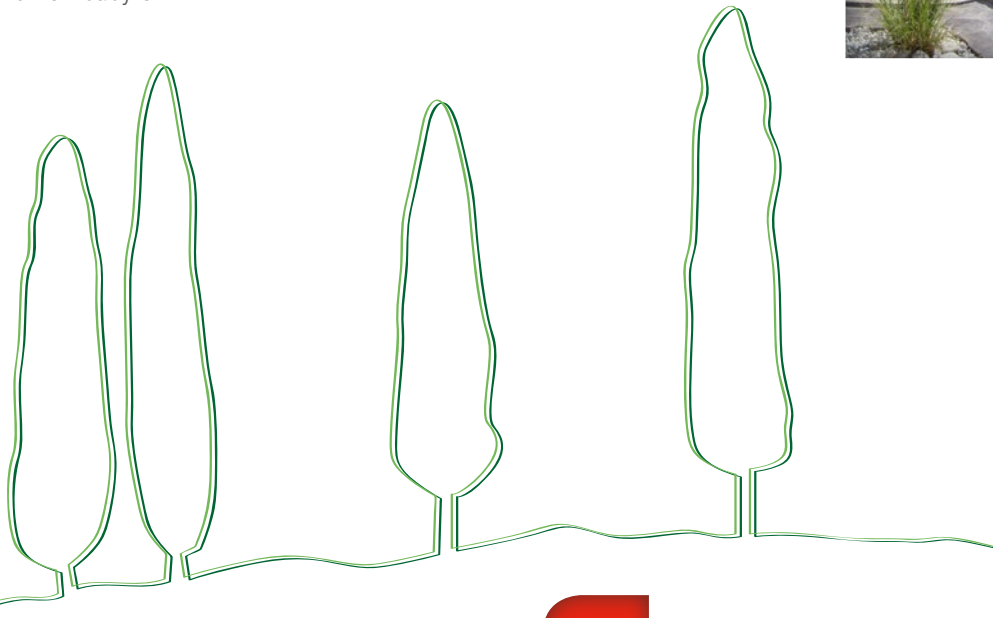


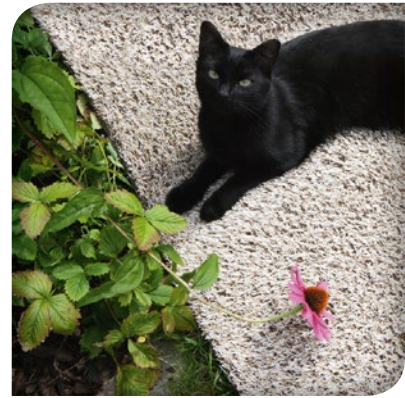
LANDSCAPING, TERRACES AND INTERIORS



JUTA has developed a range of artificial grasses exclusively designed for landscaping projects. These products are mainly designed for the leisure and domestic markets, but also for the business sector and property developers. JUTA offers the complete collection for landscaping and ornamental grass as well as colored floor coverings.

The softness of pile and natural impression of green lawns with a textured base is highly rated by clients mainly for its tactile and gentleness even on baby skin.





Interior grass is the color variation on the JUTAgrass[®] Decor and is used wherever it is necessary to complete the interior or patio by water-resistant colored floor covering.



SPECIAL PRODUCTION



The ever-expanding demand of artificial grass raises the need for special arrangements for indoor use or for installation in unusual conditions.

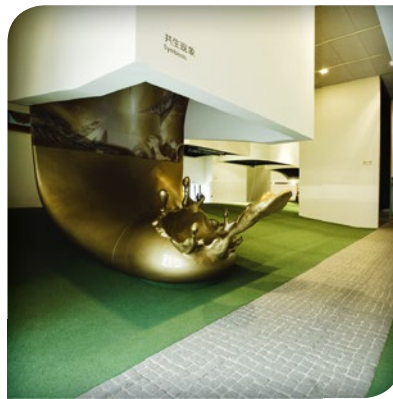
JUTA research and development department focuses on the artificial grass for playgrounds with antistatic finish.

This ensures that children are not exposed to static electricity. JUTAgrass[®] Playground with special treatment guarantees such protection.



CROSS SECTION OF A FALL PROTECTION SURFACE

- Artificial grass
- Infill material (optional)
- Shock pad layer
- Geotextile
- Ballast bed

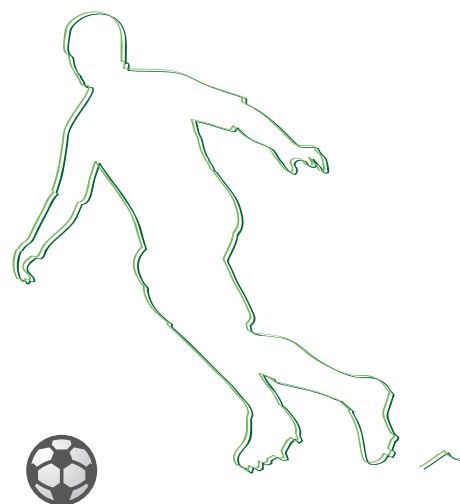


JUTAgrass[®] Step proved its extreme durability in the Czech pavilion at the World Expo in Shanghai, where more than 10 million visitors walked on it.

SELECTED FIFA CERTIFIED REFERENCES



Al Tarajy Sports Club 1	Saudi Arabia	Winner 60/140	EPDM
Al Tarajy Sports Club 2	Saudi Arabia	Winner 60/140	EPDM
FK Bohemia Poděbrady	Czech Republic	Trinity 60/140	SBR
FK Slavoj Vyšehrad	Czech Republic	Warrior 60/180	EPDM
FC Slovan Liberec	Czech Republic	Champion 60/140	EPDM
FK Junior Děčín	Czech Republic	Champion 40/180	SBR
ŠFK Sereď	Slovakia	Champion 60/140	EPDM
Zary	Poland	Winner 60/140	SBR
Eaubonne	France	Champion 65/165	SBR
FK Slovan Frýdlant	Czech Republic	Master 60/180	EPDM
Lörrach 1	Germany	Winner 40/190	RPU
Lörrach 2	Germany	Winner 40/190	RPU
Sarcelles	France	Performer 60/165	SBR
SK Rapid Pavlovice	Czech Republic	Winner 60/140	EPDM
TJ Sokol Bílá Hora	Czech Republic	Champion 60/165	EPDM
Weil am Rhein	Germany	Winner 40/190	RPU







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