

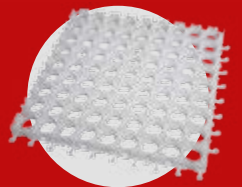


SPORT SOLUTIONS

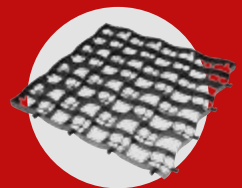
A NEW WAY TO HAVE FUN AND GAIN IN SPORTS



GRIPPER



GEOSKI



RUNFLOOR

✓ **EASY TO INSTALL**

✓ **VERSATILE**

✓ **ECO-FRIENDLY**

INDEX



GRIPPER

High-performance plastic multidisciplinary sport surface.

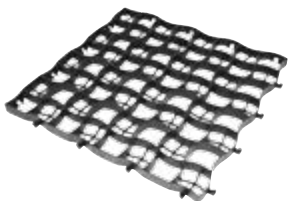
Pag. 3



GEOSKI

High-performance plastic surface for winter sports which acts as snow substitute.

Pag. 18



RUNFLOOR

High-performance plastic grid for equestrian surfaces.

Pag. 29



FOR INFO AND ASSISTANCE CONTACT US

GEOPLAST

Ph. +39 049 9490289 - Fax +39 049 9494028 - info@Geoplast.it

AREA MANAGERS ITALY

Sport@Geoplast.it

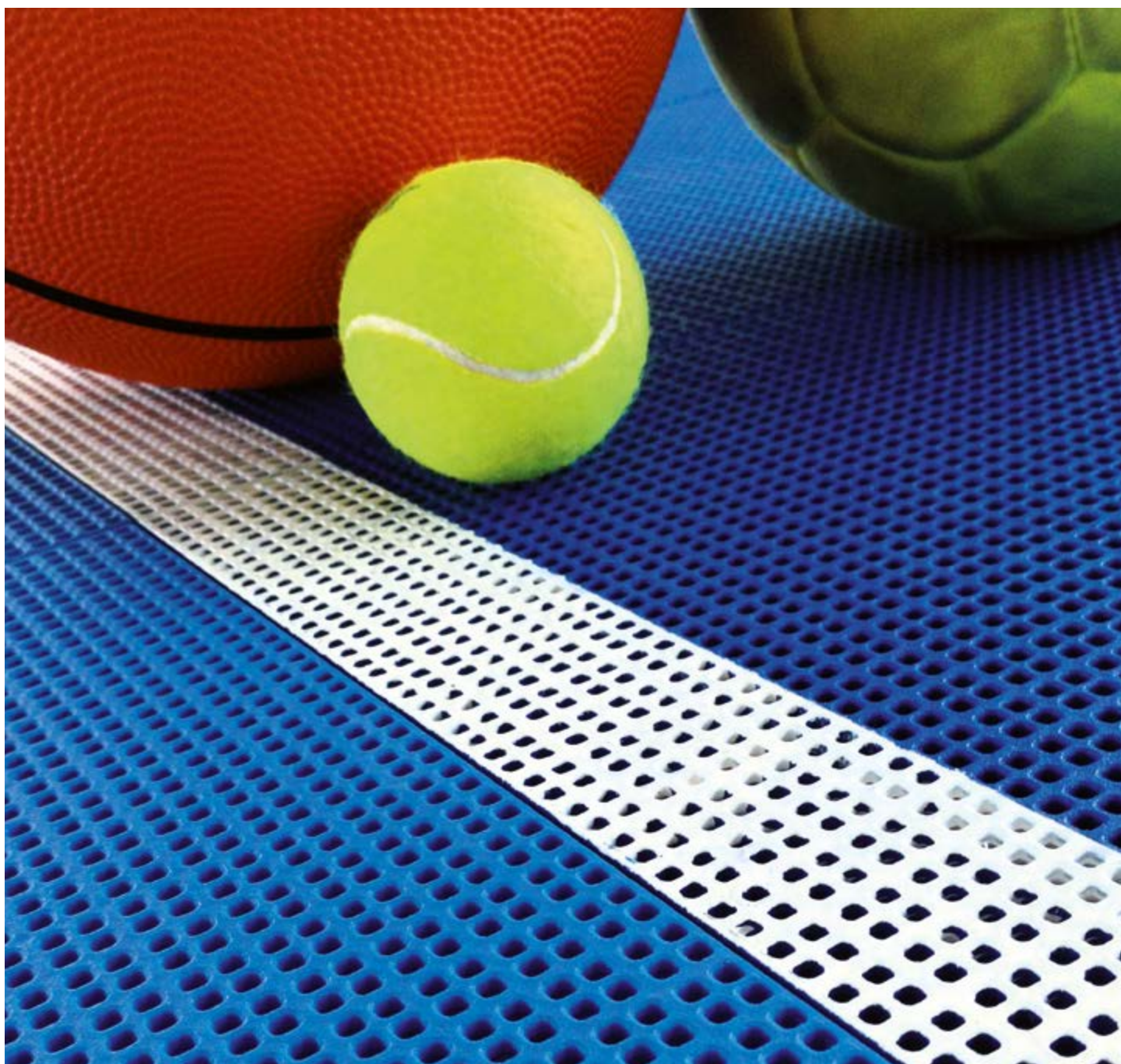
EXPORT AREA MANAGERS

Export@Geoplast.it

For more materials, images and case studies, visit our website:

Geoplast.it

GRIPPER



**HIGH-PERFORMANCE PLASTIC MULTIDISCIPLINARY
SPORT SURFACE**



GRIPPER ADVANTAGES



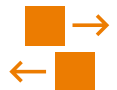
Sport floorings to guarantee reliability, fun and high performances in any sport activity.

EASY TO INSTALL



GRIPPER floorings are extremely easy and fast to install. Thanks to the innovative snap-fit coupling, it is just necessary to place the tiles next to each other exerting a pressure with hands and feet.

MOVABLE



GRIPPER makes possible the quick movement of some parts of the sport field, in order to play different activities simultaneously

MULTIPURPOSE



GRIPPER's applications are multiple and versatile. The resistance characteristics, draining and practicality, make it perfect for any type of sport activity: basket, futsal, tennis, volleyball, field and inline hockey, fitness, racing and recreational activities.

CUSTOMIZABLE

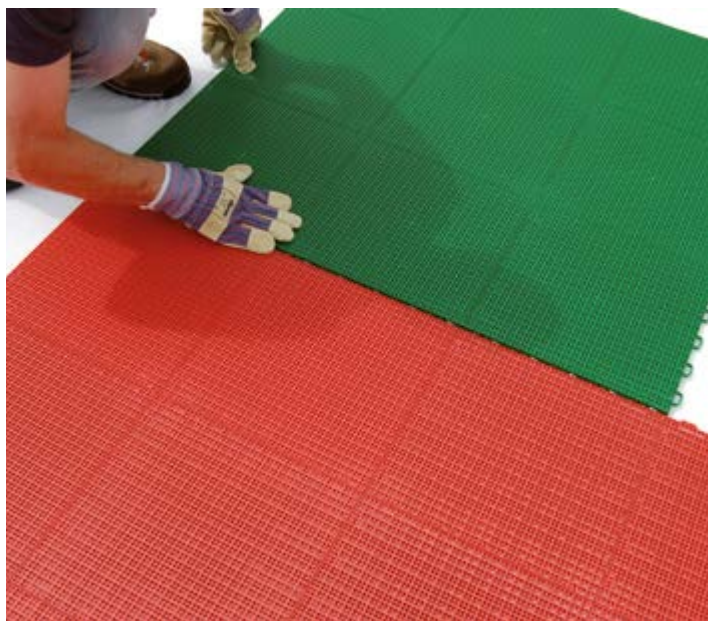


GRIPPER allows the creation of different types of courts and configurations. Thanks to the high number of available colours, it is possible to provide an external area and an internal area and also create customizable writings on the court.

GRIPPER THE SOLUTION



Thanks to Polypropylene extraordinary properties, Geoplast has created a range of solutions for sport, able to guarantee high performances, a total reliability and a real versatility. GRIPPER is the sport flooring any sport centre needs in order to satisfy the enthusiasts of any type of sport activity. It can be placed over any type of surface and does not need any type of maintenance.



HOW TO CHOOSE

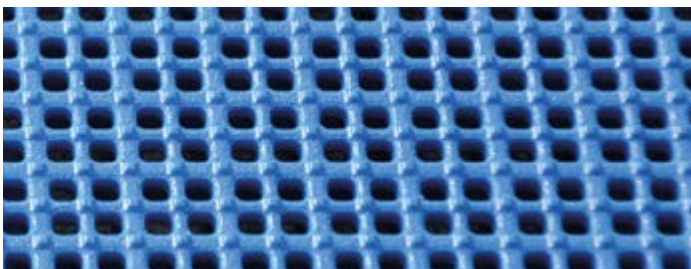
PRODUCT

SPORT	PRODUCT				
	GRIPPER OUTDOOR SPORT	GRIPPER OUTDOOR 12"	GRIPPER TENNIS ROUGH	GRIPPER INDOOR	GRIPPER INDOOR + ABSORBING SURFACE
BASKET	✓	✓	△	△	✓
FUTSAL	✓	✓	✗	✓	✓
TENNIS	△	✓	✓	△	△
HOCKEY SKATING	△	✓	△	✓	✓
VOLLEYBALL	✓	△	✗	△	✓
FITNESS DANCE	✓	△	△	△	✓
HANDBALL	✓	△	✗	△	✓

LEGEND OPTIMAL SOLUTION ✓ AVERAGE SOLUTION △ LESS SUITABLE SOLUTION ✗

NEW GRIPPER TENNIS ROUGH

Specifically designed for tennis with cut-cone shape micro-pyramidal structures distributed over the whole surface.



STANDARD COLOURS*

Royal Blue
(RAL 5010)



Leaf Green
(RAL 6002)



Traffic Red
(RAL 3020)



*Customizable colours on request

YOUR CUSTOMIZED COURT, ANYWHERE



Easy to install and dismantle and easy to transport with standard pallets, GRIPPER is ideal both for indoor and outdoor temporary and permanent sport courts. Thanks to its particular conformation, GRIPPER has a high resistance to atmospheric agents, it does not freeze and it does not require any maintenance



GRIPPER's modularity and the possibility to order it in all the RAL colours range, allows the creation of a high aesthetic impact effect.

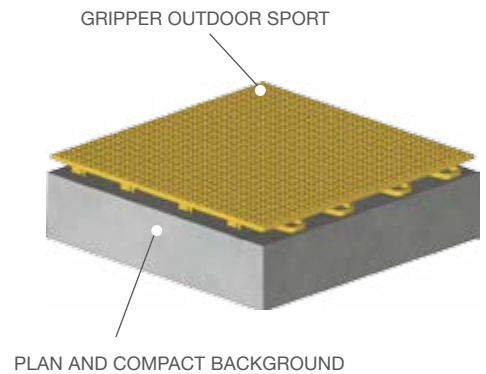
GRIPPER OUTDOOR SPORT



GRIPPER OUTDOOR SPORT is the versatile surface, ideal for the creation of both temporary and permanent sport courts. The holes guarantee a fast drainage after rain and can be placed also by unskilled personell. GRIPPER is resistant to UV rays and assures a long-lasting duration.

TECHNICAL DATA

Size	25 x 25 x H 1 cm (16 pcs.m ²)
Weight	3.2 kg/m ²
Material	UV Stabilised PP
Coupling	Quick with snap-fit
Surface Finishing	Smooth with holes
Packaging size	80 x 120 x H 170 cm 112.5 m ²



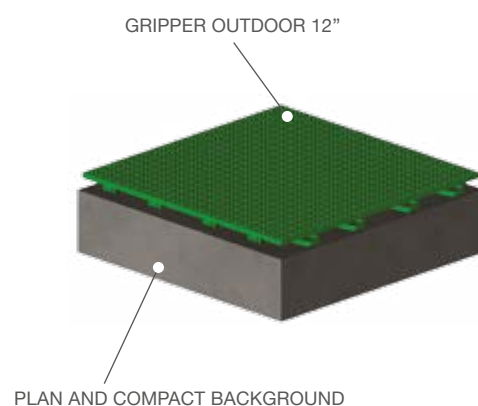
GRIPPER OUTDOOR 12"



GRIPPER OUTDOOR 12" is the high performance versatile solution for futsal and tennis. The surface is ITF 5 certified for a fast game, equal to a concrete surface. The size of 12"x12" (30.5x30.5 cm = 1sq.ft) is ideal for the fast creation of playing areas. The product is draining, easy to clean and safe, in this way it can be installed also by unskilled staff.

TECHNICAL DATA

Size	30,5 x 30,5 x H 1,2 cm (10,75 pcs.m ²)
Weight	3,6 kg/m ²
Material	UV Stabilised PP
Coupling	Quick with snap-fit
Surface Finishing	Smooth with holes
Packaging size	100 x 120 x H 170 cm 140 m ²



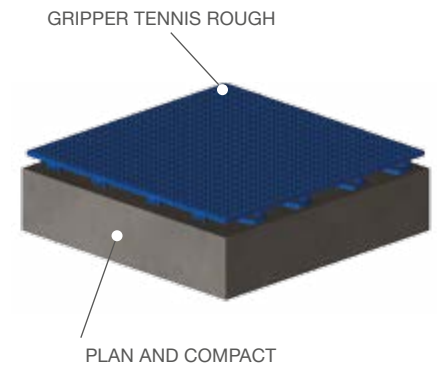
GRIPPER TENNIS ROUGH



GRIPPER TENNIS ROUGH is a version of GRIPPER specifically designed for tennis. The cut-cone micro-pyramidal structure distributed over the whole tile allows a playing speed comparable to clay courts and makes it perfect to practice this sport at any level. The holes over the surface guarantee a high draining capacity and the court can be used immediately after rain. The size of the tile is 12"x 12" and allows the use of different colors in the external and internal playing area.

TECHNICAL DATA

Size	30,5 x 30,5 x H 1,2 cm (10,75 pcs.m ²)
Weight	3,6 kg/m ²
Material	UV Stabilised PP
Coupling	Quick with snap-fit
Surface finishing	Rough with holes
Packaging size	100 x 120 x H 170 cm 140 m ²



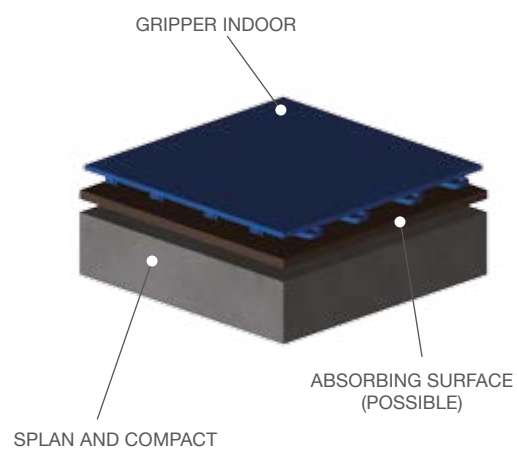
GRIPPER INDOOR



GRIPPER INDOOR is a multipurpose tile for indoor structures. The tile can be placed on any type of shock absorbing surface, it is very smooth and offers a high softness and playing comfort. Moreover, GRIPPER INDOOR keeps the same versatility and ease of installation that distinguish the other products of the range. It is available in the fireproof version too.

TECHNICAL DATA

Size	33,3 x 33,3 x H 1 cm (9 pcs.m ²)
Weight	5,5 kg/m ²
Material	UV Stabilised PP
Coupling	Quick with snap-fit
Surface finishing	Smooth with holes
Packaging size	105 x 105 x H 185 cm 165 m ²



INSTALLATION



① BACKGROUND PREPARATION

Cleaning and levelling of the surface.



② GRIPPER INSTALLATION

Laying and quick coupling (snap-fit).



③ FIELD DELIMITATION:

The fields limitation lines, can be made with adhesive tape or road paint, depending on whether the field is temporary or permanent.

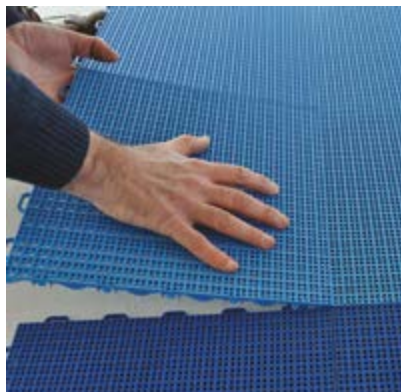


④ INSTALLATION OF THE COURT'S EQUIPMENT:

Installation of the equipment leaving a few extra inches of space in the perimeter and around the supports.

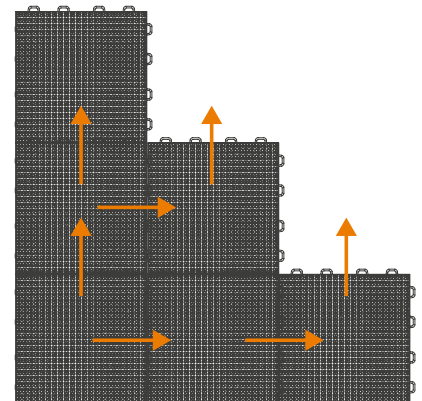
SNAP-FIT COUPLING

This efficient method permits the creation of a regulamentary court just by placing GRIPPER's tiles one next to another, exerting a little hand or feet pressure on GRIPPER's sides.



**INSTALLATION
4 HOURS ONLY!**

INSTALLATION SCHEME



BASKET



A COMPROMISE BETWEEN STIFFNESS AND ELASTICITY

Basket requires a quick and easy ball dribble, the right adhesion is necessary in order to change direction easily and quickly. GRIPPER guarantees the right compromise between stiffness and elasticity, it optimises the effort and absorbs falls.

QUICKNESS

EASY DRIBBLE

PERFECT ADHESION



TENNIS



THE SURFACE FOR ANY NEED

Geoplast provides two main solutions to practice tennis:

- GRIPPER OUTDOOR 12", multi-purpose surface for a fast game, equal to the one on concrete surfaces.
- GRIPPER TENNIS ROUGH, ideal to practice tennis competitively, but also suitable for amateurs.

PERFECT ADHESION

VERSATILIY

NO MAINTENANCE



FUTSAL

HIGH PERFORMANCE AND SAFETY

Futsal is a technical and fast game that requires a suitable adhesion of the shoes to the ground, a fast ball slipping and a high playing comfort. GRIPPER is the floor that offers all the characteristics described above, thanks to its elastic material and the feet placed under the tile.

OPTIMAL GRIP

EXCELLENT BALL FLUENCY

ELASTICITY



SPORTS ON WHEELS

OPTIMAL FLUENCY AND FRICTION

GRIPPER INDOOR perfectly satisfies the needs of sports on wheels: a fluid skating with frequent stops and restarts. GRIPPER'S plastic tile has the special properties of fluency and friction which are perfect for sports like skating or in-line hockey. In any case, not only can the surface be used for wheel sports, but also for futsal, basket and volleyball. For temporary and outdoor events, it is possible to use GRIPPER outdoor version.

PERFECT FLUENCY

OPTIMAL GRIP

HIGH PERFORMANCE



OTHER SPORTS

DANCE



Dance is a sport activity that requires a fast fluency of the shoes, in order to make evolutions without losing the grip to the ground. Moreover the comfort is very important to safeguard the joints and absorb falls. GRIPPER has all these characteristics thanks to its “grip” surface, the elasticity of the material and the feet placed under the tile.

VOLLEYBALL



In a sport like volleyball, jumps and slips make the difference. That's why it is necessary to have a playing court with a great elastic response, a suitable grip and without an excessive abrasiveness. GRIPPER satisfies all these needs!

FITNESS



GRIPPER is ideal to be used in gyms of sport centers. Thanks to its elasticity it is perfect to absorb any fall and resist to intense stresses. It is also extremely easy to maintain and to clean, and can be installed also on existing surfaces.

GRIPPER REFERENCES



Multi-purpose sport courts for futsal, basket and volley. Comenduno (BG)



Multi-purpose basket field, Pavia (PV)



Tennis court, Jesolo (VE)

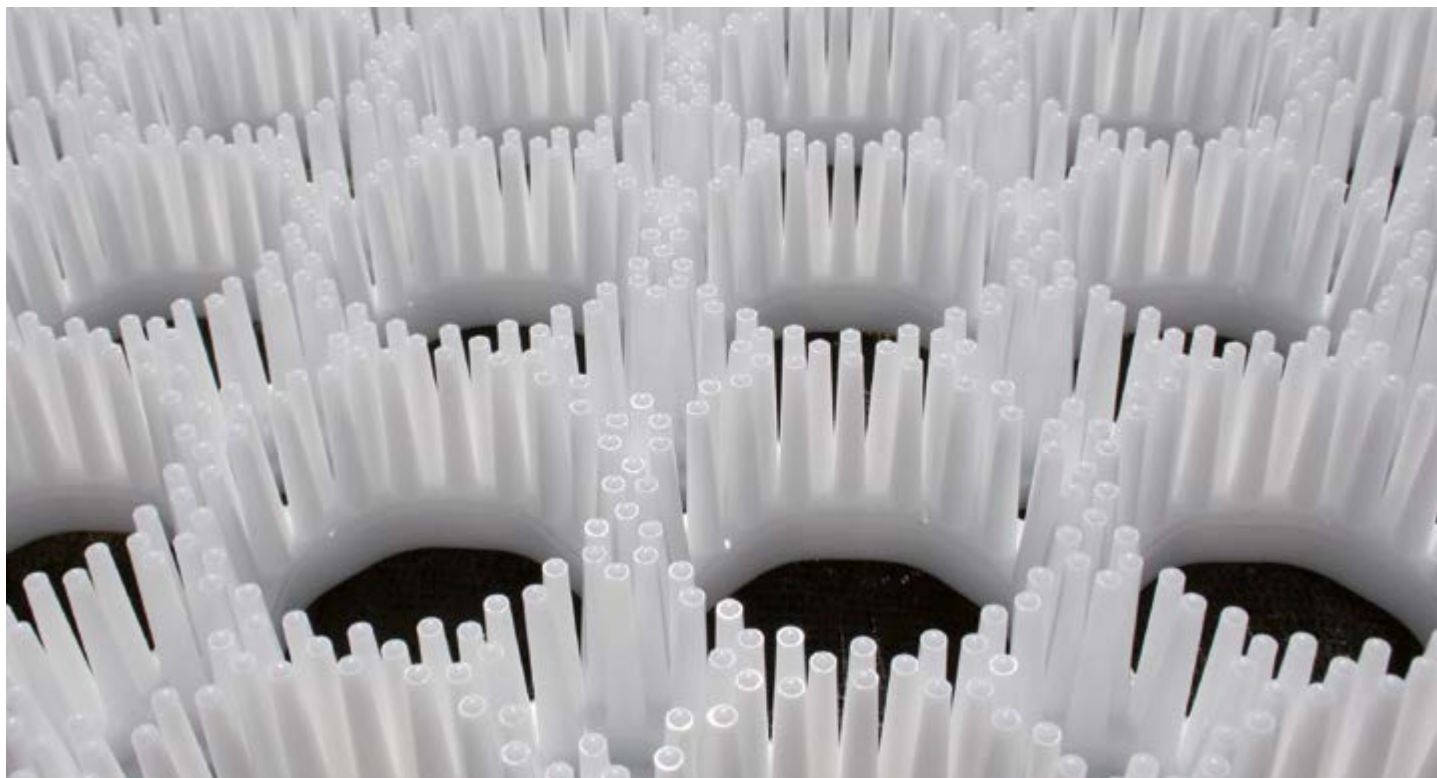
GEOSKI



HIGH-PERFORMANCE PLASTIC SURFACE FOR WINTER SPORTS, WHICH ACTS AS SNOW SUBSTITUTE



ADVANTAGES



GEOSKI is the revolutionary synthetic surface to practice winter sports 365 days a year.

INNOVATIVE

Geoski perfectly recreates the experience of snow: the number and distribution of the stems were carefully designed to reproduce the natural flow and grip of real snow.

ECO-FRIENDLY

Special care and concern for the environment are taken both in the choice of the material and in the installation stage. In fact, the use of specific screws avoids additional interventions. Moreover, the non-woven fabric layer guarantees the correct drainage of rainwater.

THERMAL EXPANSION

Thanks to the revolutionary spring coupling, the product perfectly responds to thermal expansion. The surface remains smooth without interruptions or obstacles.

GEOSKI THE SOLUTION



GEOSKI is the fifth season, as it allows enjoyable skiing 365 days a year with Geoski, the lack of snow or high temperatures are no longer an emergency and during summer months it can be an alternative to glacier skiing, which is increasingly threatened by global warming. Ski enthusiasts will be able to enjoy the sun while skiing down into the valley without having to “surf” the waves or be forced to ski just in the morning while the snow is still firm; beginners do not have to stop terrified in front of snow lumps created by previous skiers. The trail is always perfect and experimentable without fear.

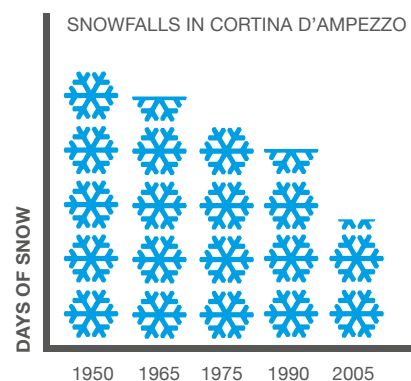


WINTER SPORTS



AN EXCEPTIONAL TOURIST ATTRACTION

Tourism in ski resorts is experiencing a positive growth trend with beneficial effects on local businesses, comparable to those in summer seaside resorts. Italy alone has 8 million ski enthusiasts and the number of city ski clubs, agonists and amateurs is constantly growing. The presence of an adequate snow cover is a fundamental condition for the practice of winter sports, which provides a unique experience and fun.



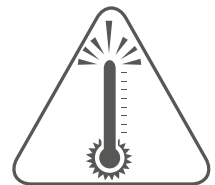
Snow is fundamental for winter activities in ski resorts. Climate change is impacting significantly on snowfall with a consequent decrease in skiable days (number of days with skiable snow on the ground). The chart above is obtained through data collected by ARPAV Veneto for the city of Cortina d'Ampezzo (Italy) and it allows to understand how in a relatively short time (when compared to the geological history of the planet), skiable days have clearly decreased (over 20% decrease). Business operators have reacted by increasing the use of snowmaking systems, which undoubtedly provide some benefits, but they are certainly not an inexpensive solution: a snow machine consumes 300 liters/min of water and 9 kW/h of electricity.

INCREASINGLY LESS SNOWFALLS



WINTER SPORTS AT RISK

The slow but inexorable warming of our climate is an indisputable fact: higher temperatures cause a rising of 0° isotherm, resulting in the decrease of snowfalls especially at low- and mid-altitudes.



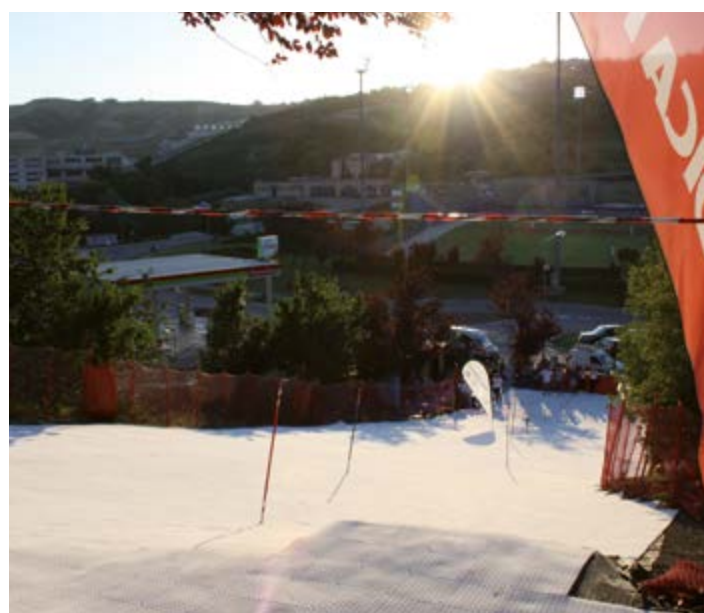
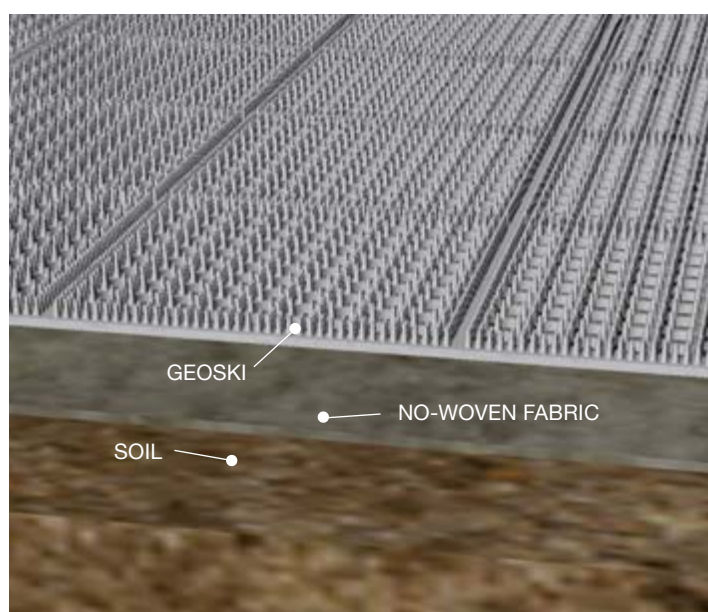
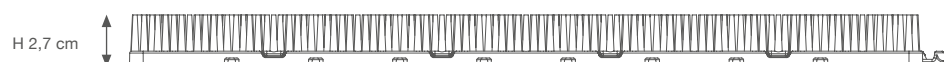
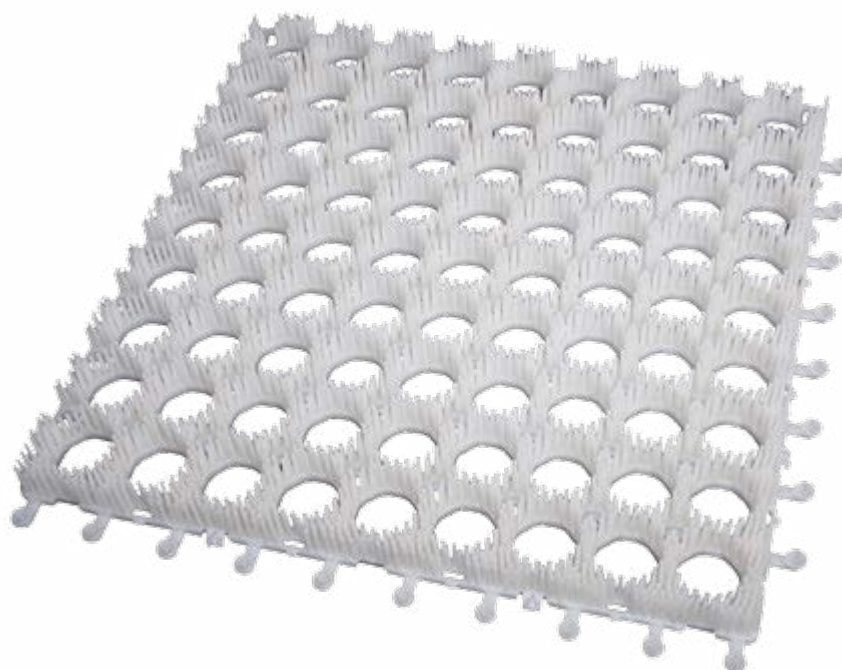
GLOBAL WARMING



Many winter resorts increasingly suffer from lack of snow causing heavy impact on their revenue: even modern and technically sophisticated resorts are forced to delay the ski season opening date as the weather does not allow the creation of a viable snow-covered surface.

GEOSKI TECHNICAL DATA

Size	40,8 x 40,8 x H 2,7 cm (6 pcs.m ² .)
Weight	5,2 kg/m ²
Material	HD PE (high density polyethylene)
Packaging Size	80 x 120 x H 155 cm
Packaging	50 m ²



GEOSKI - TESTIMONIALS



Matteo Nana

Former Italian alpine skier and member of the national team in the '90s, he achieved two third places in the World Cup (Alta Badia 1996, Beaver Creek 1999), twice Italian slalom champion (1999-2000), giant slalom Italian champion (2000). FIS Coach, Instructor and National Promoter of the Nordica Tecnica Group.



Mauro Bernardi

Lives in Albino, Italy; he was a truck driver until the morning of 31st August 2005, when an accident changed his life. In 2013 he became the first disabled ski instructor in the world.

You have to trust it, to trust more; you glide a lot and have to manage the slide. Not being used to it I still slide a lot and don't carve enough: my impressions? Guaranteed fun!"
San Marino, July 2012

"I must say that Geoplast has developed a great product, especially as it makes it possible for us disabled people to get to ski in a non-hostile environment totally devoid of architectural barriers. We can go back to being independent and having fun in the snow, without the inconvenience of feeling cold and wet, and with zero risk factor for injury."

San Marino, August 2012



APPLICATIONS RANGE



**SKIING AND
SNOWBOARDING**



**SKILIFTS AND
CHAIRLIFTS**



**TUBING AND
FUN ACTIVITIES**

SKIING AND SNOWBOARDING



Designed for dry ski slopes with a high technical level that enables any skier (beginner or professional athlete) to experience the same sensations of grip and glide as real snow skiing.

GEOSKI is the artificial snow surface especially created for the creation of ski slopes. Geoski was developed with a built-in marking system, so as to accommodate the poles for the creation of slalom trails and other training facilities for competitive athletes during the summer season. Poles are placed in the form of threaded cylinders and then inserted in the ground at the time of the installation of Geoski. The poles are simply futed when a training- or racing-trail are prepared, avoiding any need to bore the ground during the trail set-up. Custom trails can be created on customer's demand.

SKILIFTS AND CHAIRLIFTS



Designed specifically to replace the snow surface in those areas where the settlement of snow is too expensive and time-consuming: skilifts, departures and arrivals of chairlifts, crossings and linking roads.

TUBING AND FUN ACTIVITIES



Perfect to create street parks, snowboard ramps or exciting dry snow tubing trails.

INSTALLATION



① PREPARATION

Level the ground eliminating bumps and obstacles to make the installation easier and to ensure an even surface.



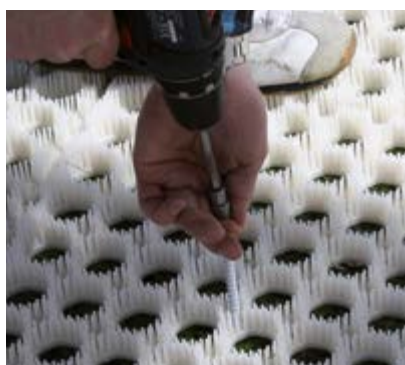
② PROTECTIVE FABRIC

Lay the nonwoven fabric to protect the soil and prevent debris from fouling or deteriorating the trail.



③ INSTALLATION

Installation and coupling of the GEOSKI artificial snow surface should be performed according to the instructions contained in the Installation Manual.



④ FIXING

To fix the tiles to the ground use GEOSKI SCREWS to ensure the stability of the surface.



⑤ GEOSKI TRACK

To fix the tiles to the ground use GEOSKI SCREWS to ensure the stability of the surface.



⑥ HAVE FUN!

Whether you are snowboarders alpine- or cross-country skiers!

GEOSKI REFERENCES



Ski track, Republic of San Marino



Big jump event, Sottomarina (VE)

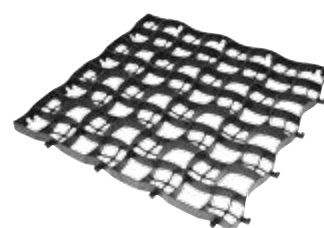


Winter Park, Firenze (FI)

RUNFLOOR HORSES



**HIGH-PERFORMANCE PLASTIC GRID FOR
EQUESTRIAN SURFACES**



RUNFLOOR ADVANTAGES



RUNFLOOR is the best solution for equestrian surfaces dedicated to training, races, paddocks or carousels. RUNFLOOR creates a cooperative surface which guarantees excellent surface stability and maximum safety of the horse.

ELASTIC

Runfloor allows the creation of a cooperative and elastic surface, that avoids the formation of surface depressions. It gives an high stability to the grid, improving its performance.

COST-EFFECTIVE

The resistance of the material guarantees an high durability to RUNFLOOR, eliminating maintenance and restoring costs.

SAFE

RUNFLOOR allows the creation of a technical ground base, which is safe for the horse and protects its joints and ligaments.

DRAINING

The high draining capacity of RUNFLOOR avoids the formation of mud, keeping the surface always dry.

RUNFLOOR THE SOLUTION



Light and easy to install, RUNFLOOR is the ideal solution to build solid and strong equestrian surfaces while providing the needed flexibility to absorb the horse race. Thanks to its particular structure, RUNFLOOR maintains unaltered the drainage properties of the soil, making the surface practicable in all seasons and with any climatic situation, without any limitation. Through the use of RUNFLOOR mud and slime will be completely eliminated.

EQUESTRIAN SURFACE CONSOLIDATION

Paddock

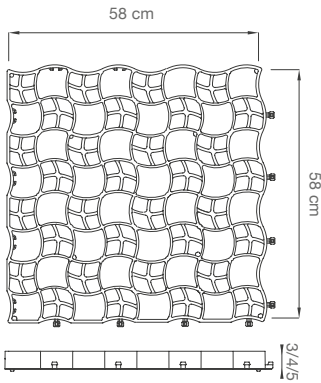
Loading and unloading areas and warehouses

Indoor and outdoor riding stables consolidation

Training and race courts, carousels for horses

Stables, enclosures and accesses to pastures

RUNFLOOR TECHNICAL ADTA



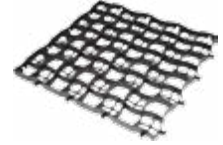
RUNFLOOR 58* (LDPE)



**RUNFLOOR
58-F03**



**RUNFLOOR
58-F04**

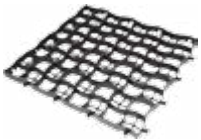


**RUNFLOOR
58-F05**

Size (cm)	58 x 58	8 x 58	58 x 58
Height H (cm)	3	4	5
Wall thickness (mm)	4	4	4
Load capacity (t/m ²)	400	400	500
Weight per pcs (kg)	1,22	1,75	2,16
Packaging size (cm)	120 x 120 x H240	120 x 120 x H242	120 x 120 x H240
No. pcs.	300	228	180
m ² per pallet	100	76	60
Colour	Black	Black	Black
Permeability	89%	89%	89%

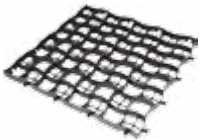
* Available on request also in green

F03 - FLEXIBLE



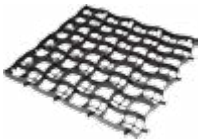
Particularly suitable for arenas and exercise courts.

F04 - INTERMEDIATE



4 cm thick, it is suitable for every type of equestrian surface.

F05 - UNIVERSAL



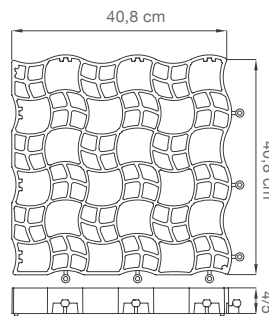
Excellent horse comfort and maximum safety for carousels, race courts and paddocks guaranteed.

S05 - STRONG



Firm and strong, with thicker inner ribs between the cells. It is ideal for gallop and intense exercise surfaces.

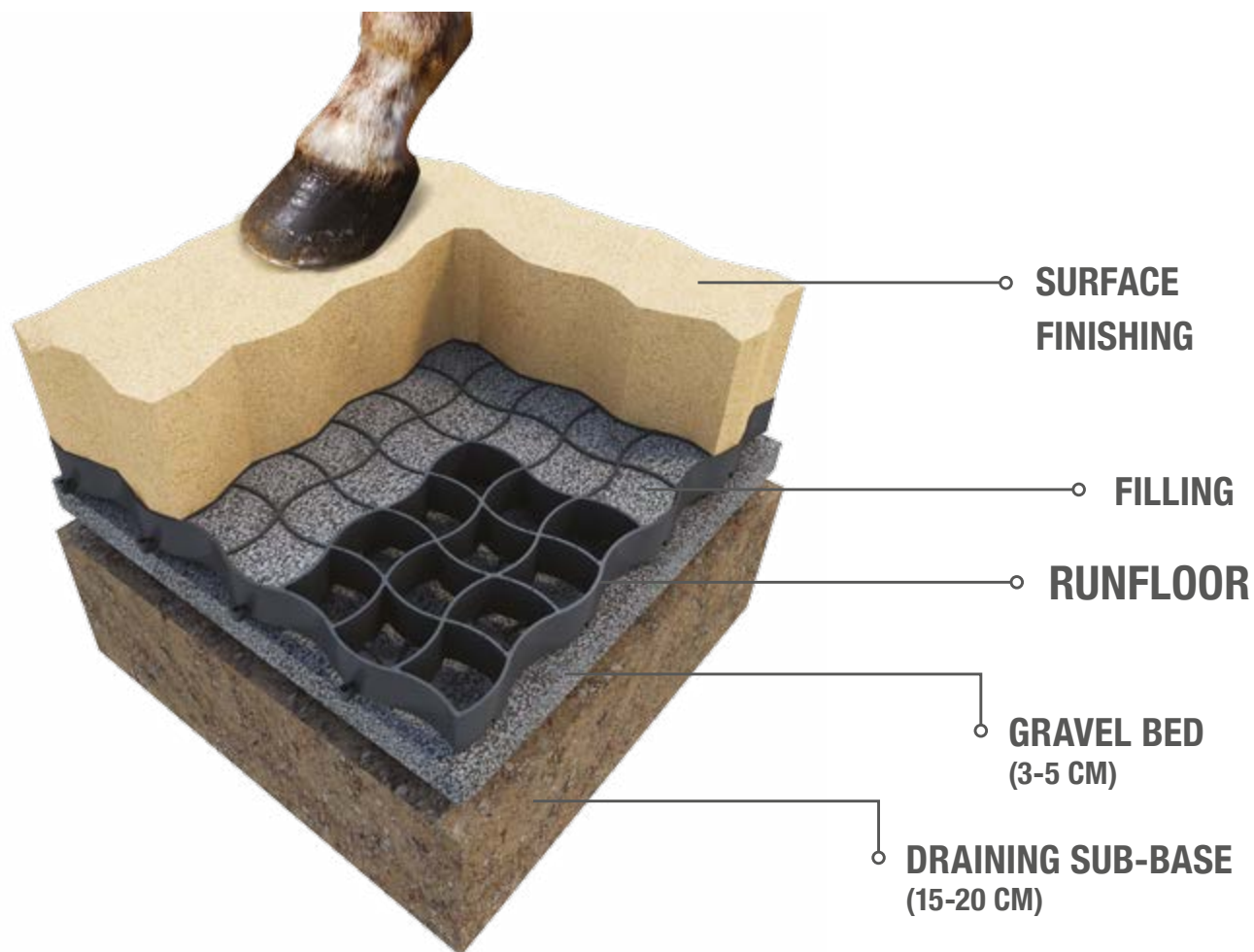
RUNFLOOR 40 (LDPE)



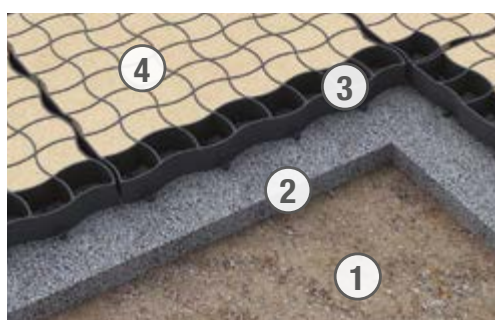
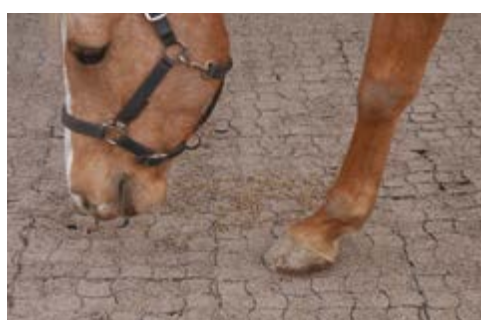
**RUNFLOOR
40-S05**

Size (cm)	40,8 x 40,8
Height H (cm)	5
Wall thickness (mm)	5
Load capacity (t/m ²)	600
Weight per pcs (kg)	1,27
Packaging size (cm)	85 x 125 x H235
No. pcs	270
m ² per pallet	45
Colour	Black
Permeability	83%

ON-SITE INSTALLATION



Paddock Stratigraphy



APPLICATION WITH FILLING ONLY

- ① Gravel draining sub-base
- ② Installation bed with gravel
- ③ RUNFLOOR
- ④ Filling of RUNFLOOR with sand

TRAINING COURT Stratigraphy



APPLICATION WITH FURTHER STRATIGRAPHY

- ① Gravel draining sub-base
- ② Gravel bed
- ③ RUNFLOOR
- ④ RUNFLOOR filling with gravel
- ⑤ Covering RUNFLOOR with sands

INSTALLATION



① EXCAVATION

Creation and compacting of the excavation (slope 1%); with instable soils it is recommended to use a geotextile TNT 150 g/m².



② DRAINING LAYER

Creation of a stabilization and drainage substrate with washed gravel of 15-20 cm thick.



③ GRAVEL BED

Gravel bedding 4 cm thick (granulometry 2-5 mm).



④ RUNFLOOR INSTALLATION



⑤ FILLING

Filling up to the edge of the cells with technical sands for horse riding or with gravel (granulometry 2-5 mm).

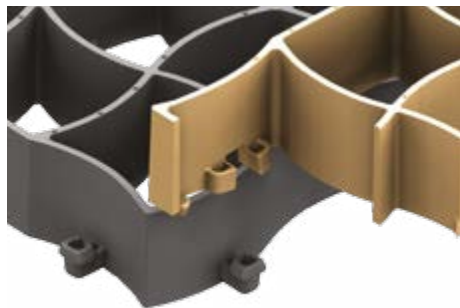


⑥ SURFACE FINISHING

Coverate of the grid with further stratigraphy with technical sands for horse riding of at least 10-15 cm.

AN INNOVATIVE COUPLING

ESTIMATED INSTALLATION TIMES - 100 SQM. /H/ PER WORKER



Through RUNFLOOR locking system, the elements are integral to each other. Moreover, it reduces the movements of the worker during installation and filling and prevents the grids from lifting.

RUNFLOOR REFERENCES



Horses Carousel: stable, Reggio Emilia



Campo Cavalli, riding school, Perugia



Riding School, Eberstälzell, Austria



Geoplast
Building beyond together

Geoplast S.p.A.

Via Martiri della Libertà, 6/8
35010 Grantorto (PD) - Italy

Tel +39 049 9490289
Fax +39 049 9494028

Geoplast@Geoplast.it

Geoplast.it



rev.001
12/2016

