

THE GRID FOR THE CONSOLIDATION OF EQUESTRIAN SURFACES

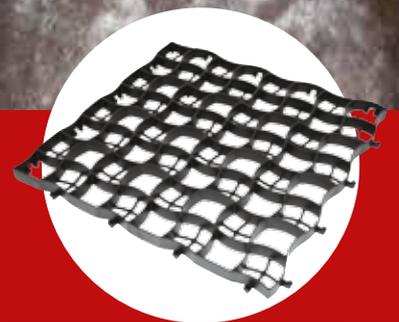


# runfloor

equestrian soil consolidation



- HIGH RESISTANCE
- JOINTS PROTECTION
- ELIMINATION OF MUD



w w w . g e o p l a s t . i t



# RUNFLOOR HORSES VISION

Without him our life on the planet would have been very different: up until not so long ago horses were our main energy source, and without them we would not be who we are today.

As a loyal fiend it helped us to grow, to travel, to transport materials in every part of the world and under any weather condition.

All this left an indelible mark within ourselves, a feeling that emerges whenever we approach a horse.

The least we can do is take care of it.

## LDPE

Used for the production of RUNFLOOR 50 and RUNFLOOR 40, Low Density Polyethylene (LDPE) is obtained from the recycling of bags and soft wrappings. This material is generally dark and this is why the recycled material is produced in gray-black. The polymer is characterized by better elasticity and flexibility, which make it more resistant to temperature variations and cold-hot cycles.



**LDPE**

Geoplast S.p.A. in Green Building Council Italia,  
The Network of Green Building.





# RUNFLOOR IS SUITABLE FOR:

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 **RUN-FLOOR** mud and slime will be completely eliminated.

■ EQUESTRIAN SURFACES  
 CONSOLIDATION

■ PADDOCKS

■ LOADING AND UNLOADING  
 PLACES, WAREHOUSES

■ INDOOR AND OUTDOOR RIDING  
 STABLES CONSOLIDATION

■ TRAINING AND RACE COURTS,  
 CAROUSELS

■ STABLES AND ACCESS TO  
 PASTURES

# RUNFLOOR

The specific safe surface for your horse



**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 thanks to the reinforced thickness of the ribs and the elasticity of the material. **RUNFLOOR** protects the

tendons and joints of the animal, and the high drainage capacity prevents the formation of mud always keeping the surface dry. By producing a separation layer from

the draining substrate, **RUNFLOOR** avoids the mixing of the material, allowing a saving over time, both in terms of material and manpower.

## ADVANTAGES

### Safe



**RUNFLOOR** protects tendons and joints

### Elastic



**RUNFLOOR** surface is collaborative and elastic

### Draining



Always dry surface

### Cost-effective



Reduced maintenance costs

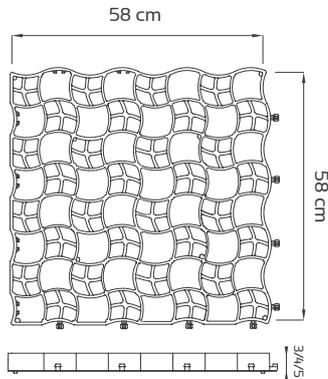
**RUNFLOOR** elastic and cooperative surface perfectly absorbs the race of the animal by preventing the formation of ruts and surface depressions: it provides stability to the exercises of the horse, improving

its performance. Thanks to the special strength of the material, the produced surfaces are very durable, thus eliminating maintenance and restoration costs.

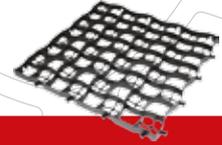
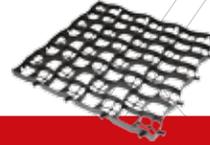
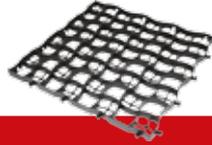


# RUNFLOOR

F03 F04 F05 S05



## RUNFLOOR 58\* (LDPE)



RUNFLOOR 58-F03	
SIZE (mm)	580 x 580
HEIGHT h (mm)	30
Wall thickness (mm)	4
Load capacity (t/m <sup>2</sup> )	400
Weight single item (kg)	1,25
Package dim. (mm)	1200 x 1200 x 2350
Nr items	300
m <sup>2</sup> per pallet	100
Colour	Black
Permeability	89%

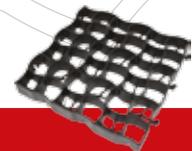
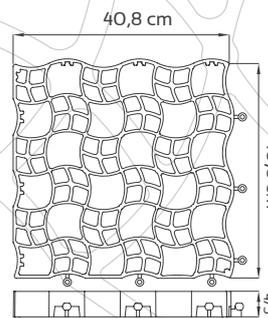
RUNFLOOR 58-F04	
SIZE (mm)	580 x 580
HEIGHT h (mm)	40
Wall thickness (mm)	4
Load capacity (t/m <sup>2</sup> )	400
Weight single item (kg)	1,80
Package dim. (mm)	1200 x 1200 x 2420
Nr items	228
m <sup>2</sup> per pallet	76
Colour	Black
Permeability	89%

RUNFLOOR 58-F05	
SIZE (mm)	580 x 580
HEIGHT h (mm)	50
Wall thickness (mm)	4
Load capacity (t/m <sup>2</sup> )	500
Weight single item (kg)	2,00
Package dim. (mm)	1200 x 1200 x 2350
Nr items	180
m <sup>2</sup> per pallet	60
Colour	Black
Permeability	89%

\* Available on request also in green



## RUNFLOOR 40 (LDPE)



RUNFLOOR 40-S05	
SIZE (mm)	408 x 408
HEIGHT h (mm)	50
Wall thickness (mm)	5
Load capacity (t/m <sup>2</sup> )	600
Weight single item (kg)	1,20
Package dim. (mm)	850 x 1250 x 2350
Nr items	270
m <sup>2</sup> per pallet	45
Colour	Black
Permeability	83%

### Antislip

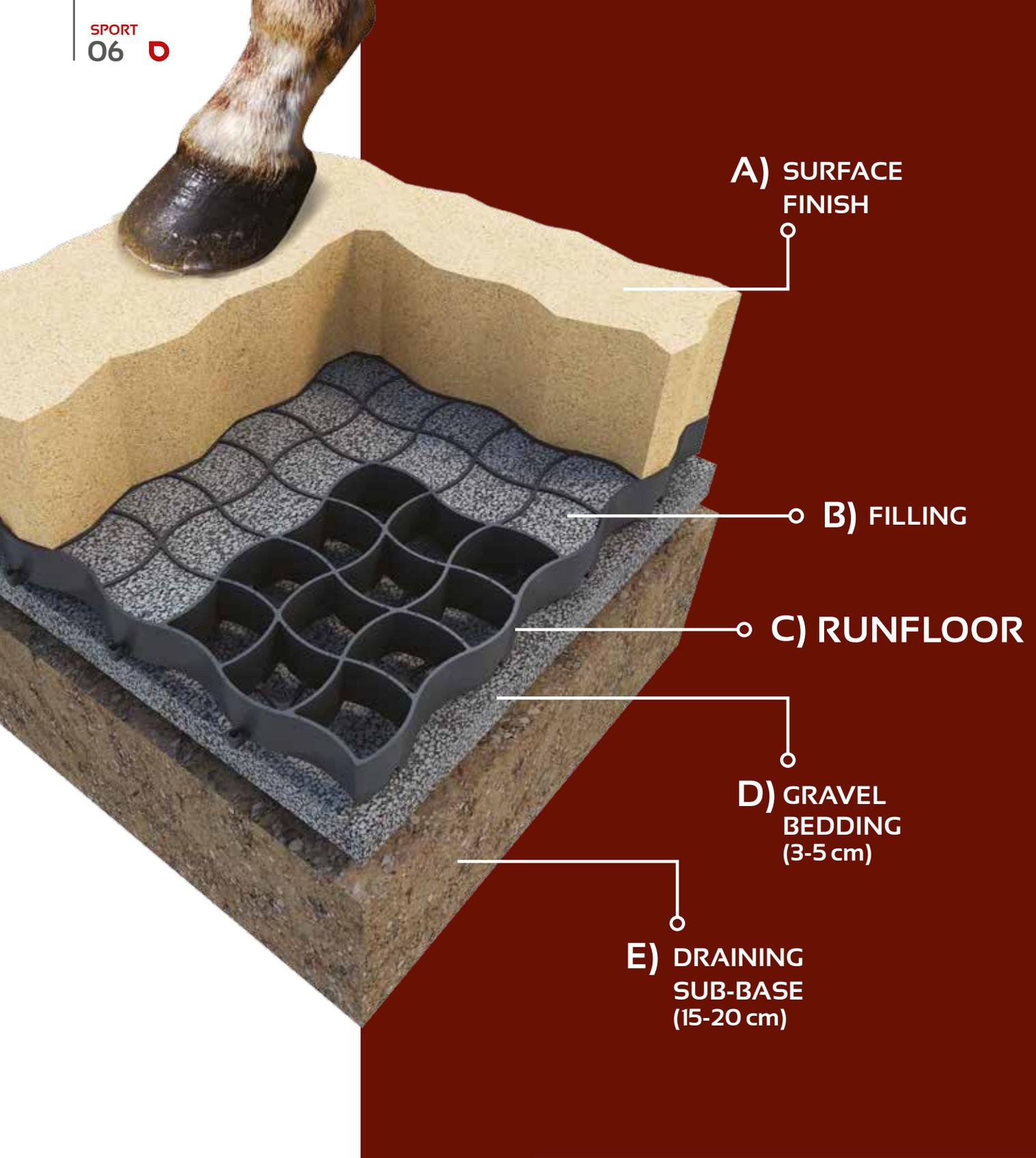
Chemically inert and ammonia resistant

### Ecological

Frost and UV resistant

Thermal stability -40°C + 70°C

Innovative locking system



A) SURFACE  
FINISH



B) FILLING



C) RUNFLOOR



D) GRAVEL  
BEDDING  
(3-5 cm)



E) DRAINING  
SUB-BASE  
(15-20 cm)



## A) SURFACE FINISH

The surface finish varies according to the different uses. In the case of areas used just to walk the horse, it is enough to fill the cells up to the edge with sand or gravel (granulometry 2-5 mm);

in the case of arenas or race courts, other 10-15 cm of technical sands depending on the type of equestrian discipline should be added to the filling of the cells.

## B) RUNFLOOR FILLING

The cells of **RUNFLOOR** grid are filled up to the edge with gravel (granulometry 2-5 mm) or with sand.

## C) RUNFLOOR GRID

The high quality of **RUNFLOOR** grid guarantees excellent elasticity, drainage and strength for the comfort of the horse.

# RUNFLOOR THE CHOICE

## F03 - FLEXIBLE



**RUNFLOOR F03** ist the cost-effective choice which maintains the technical requirements unaltered; it is particularly suitable for arenas and exercise courts.

## F04 - MIDDLE



4 cm thick, **RUNFLOOR F04** guarantees better solidity and strength and it is suitable for every type of equestrian surface.

## F05 - UNIVERSAL



**RUNFLOOR F05** ist the perfect combination between performance and quality. This grid positively adapts to the comfort requirements of the horse and guarantees maximum safety for carousels, race courts and paddocks.

## S05 - STRONG



Top of the range product:: **RUNFLOOR S05** is firm and strong, with thicker inner ribs between the cells. It is ideal for gallop and intense exercise surfaces.



## D) GRAVEL BEDDING

Well-leveled and compacted gravel layer (granulometry 2-5 mm) of 4-5 cm thick over which **RUNFLOOR** grid is to be installed.

## E) DRAINING SUB-BASE

Stabilization and drainage substrate of 15-20 cm washed gravel. The thickness guarantees that the equestrian surface is always dry and comfortable to the horse.

# RUNFLOOR INSTALLATION



**A**  
EXCAVATION



**B**  
DRAINING SUB-BASE



**C**  
GRAVEL BEDDING



**D**  
RUNFLOOR INSTALLATION



**E**  
FILLING



**F**  
SURFACE FINISH

**A)** Creation and compacting of the excavation (slope 1%); with instable soils it is recommended to use a geotextile TNT 150 g/m<sup>2</sup>

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

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

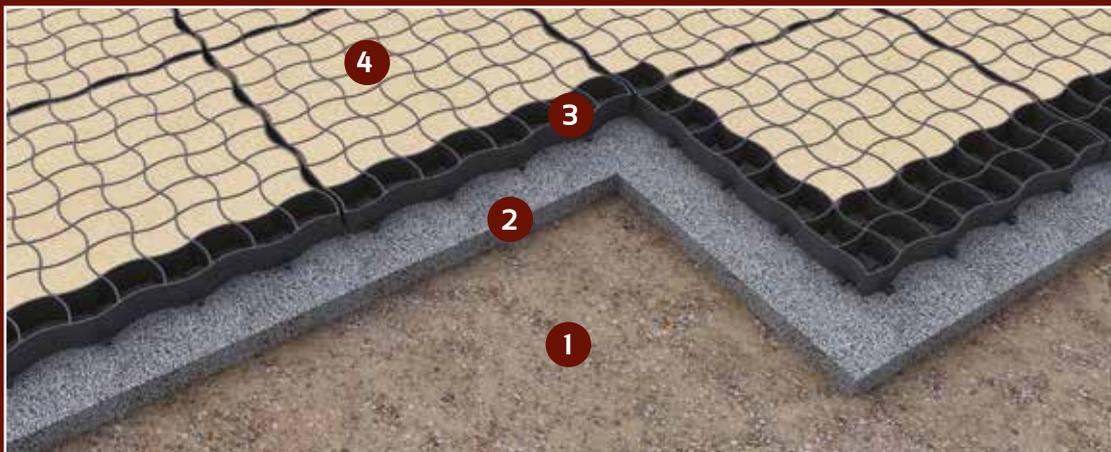
**D)** RUNFLOOR installation

**E)** FOR PADDOCK AND PASSAGE AREAS:  
Filling up to the edge of the cells with technical sands for horse riding or with gravel (granulometry 2-5 mm)

FOR RACE AND TRAINING COURTS:  
Filling up to the edge of the cells with technical sands for horse riding or with gravel (granulometry 2-5 mm)

**F)** ONLY FOR RACE AND TRAINING COURTS:  
Coverate of the grid with further stratigraphy with technical sands for horse riding of at least 10-15 cm

## Paddock stratigraphy

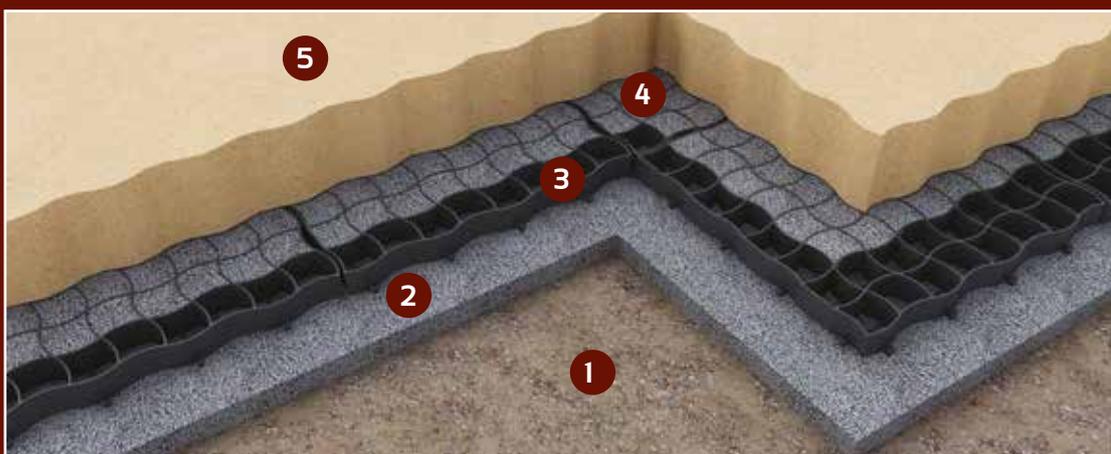


### APPLICATION ONLY WITH FILLING

- 1) Gravel draining sub-base
- 2) Gravel bedding
- 3) RUNFLOOR
- 4) RUNFLOOR filling with sand



## Training court stratigraphy



### APPLICATION WITH FURTHER STRATIGRAPHY

- 1) Gravel draining sub-base
- 2) Gravel bedding
- 3) RUNFLOOR
- 4) RUNFLOOR filling with gravel
- 5) Coverage of RUNFLOOR with technical sands





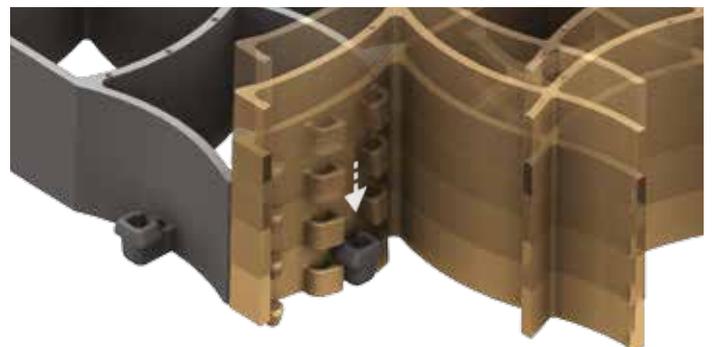
# INNOVATIVE LOCKING SYSTEM

ESTIMATED INSTALLATION TIME - 100 m<sup>2</sup> / h / WORKER



The innovative bayonet twist lock (male-female) simplifies installation and guarantees a perfect fixing of the grids. The characteristic *"Click"* indicates that the connection has been successful. It is possible and recommended to pre-assemble the elements of the grid before positioning it, in order to speed up the installation.

**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.





# EQUESTRIAN SURFACES

**CAROUSEL**  
 550 m<sup>2</sup>  
 RUNFLOOR F05 40  
 LDPE

## Consolidation of equestrian surfaces

Paddocks, Carousels, Riding stables, Race courts

- Flexible and cooperative
- Easy maintenance
- Easy shaping

**RUNFLOOR** is specifically designed to ensure the horse the best surface for the protection of joints and hooves, so that it can work with maximum confidence and safety. Thanks to the wide permeable section, leisure spaces such as paddocks and fences

are made dry and comfortable, while the strong yet flexible structure supports the training and the jump of the animal. **RUNFLOOR** is also easily adaptable to the curvature of carousels and it is eventually shapeable.



Riding stable: 1.600 m<sup>2</sup> - RUNFLOOR F03 58 LD PE



Race court: 4.000 m<sup>2</sup> RUNFLOOR S03 40 LD PE



**GEOPLAST S.p.A.**

35010 Grantorto PD - Italia - Via Martiri della Libertà, 6/8  
tel +39 049 9490289 - fax +39 049 9494028  
e-mail: [geoplast@geoplast.it](mailto:geoplast@geoplast.it) - [www.geoplast.it](http://www.geoplast.it)

