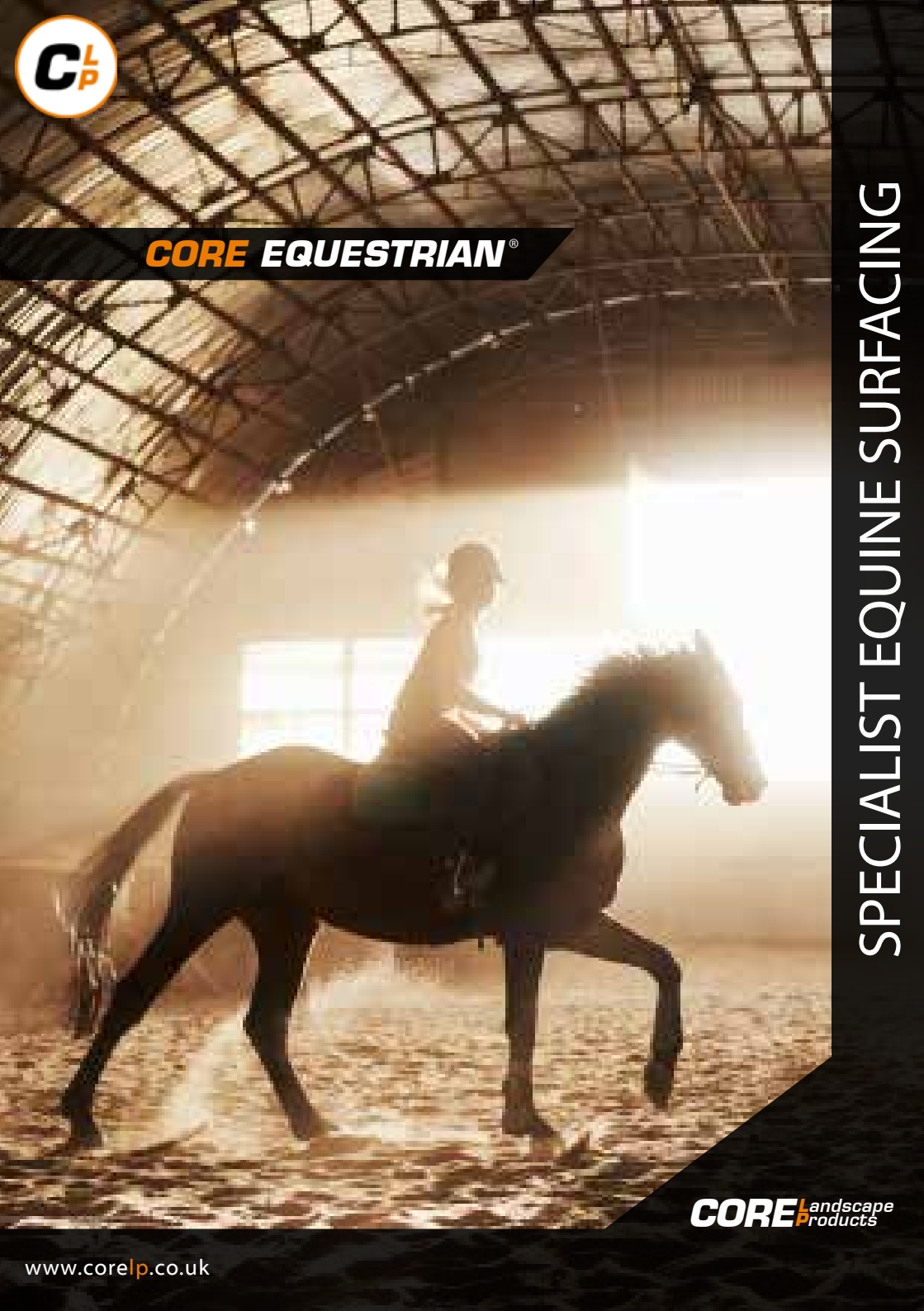




**CORE EQUESTRIAN®**

SPECIALIST EQUINE SURFACING



**CORE** Landscape Products

[www.corelp.co.uk](http://www.corelp.co.uk)

CORE Landscape Products have over 30 years of experience in designing and supplying landscape and equestrian products that exceed customers expectations.

Our products are engineered to be the best in the industry and are held in stock in the **UK** for fast delivery.



0800 118 2278



We are one of the UK's leading ground reinforcement experts and have specifically designed and manufactured a range of products each intended for a specific purpose or site condition.

We have a technical team on hand to deal with any site specific queries whilst offering impartial advice regarding our range of equestrian products. Customers also have access to our online libraries and product resources within our **knowledge centre** on our website.

Maintaining an equestrian facility can be costly and time consuming, when we all know you'd rather be riding.

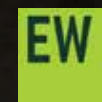
Our equestrian range of products make it easy to install, update and maintain your equestrian surfaces whatever the situation, allowing you that extra time doing what you love most.

### **CORE EQUESTRIAN**

A specialist grid that is designed for the equestrian world. This grid can be used with grass and traditional tread layers such as equine rubber, silica sand and synthetic fibres. An incredibly versatile surfacing grid that can be used not only for equestrian areas - but also paths, parking and access routes.

### **CORE RUBBER MATS**

Two varieties of rubber mat. One is a rubber grass mat for grassed areas that require a firmer footing in areas prone to being a slip hazard. Also, a rubber stable mat for paddocks and stables that offer insulation and traction.





## CORE EQUESTRIAN

The **CORE EQUESTRIAN** grid provides the foundation for a low maintenance riding experience. The grids are highly **shock absorbent**, promoting natural horse movement but also a sturdy and firm surface for riding on. It can withstand **immense** levels of pressure from the horse's shod hooves **moving at speed**.

A **key benefit** of the grid is that its **highly efficient drainage** allows the riding area to be used all year round. As well as **protecting** the subbase - it provides a riding area that only needs to be prepared **once** and only requires minimal maintenance after the installation.

### Where can the grid be used?

- Paddocks
- Outdoor Riding Arenas
- Stables
- Indoor Riding Arenas
- Menèges
- Automatic Walkers
- Gateways
- Field Entrances
- Stalls
- Feeders and Round Pens



“ Having used **CORE EQUESTRIAN** grid I would be happy to recommend this product to anyone within the equestrian world. ”

- Rebecca Sannick  
BHS Stage 3 Coach in complete Horsemanship

#### TECHNICAL SPECIFICATION

<b>Material</b>	Pure Grade HDPE
<b>Sheet Size</b>	(1156 x 589mm) 0.68m <sup>2</sup>
<b>Weight Per Panel</b>	3.8 Kg
<b>Cell Wall Thickness</b>	3-15mm
<b>Suitable Fill Material</b>	Course Sharp Sand or Soil
<b>Depth of Cells</b>	40mm (width 70mm)
<b>Resistant Against</b>	Ammonia / UV / Frost
<b>Clipping Mechanism</b>	Socket & Pin (all 4 sides)
<b>Pinning Required</b>	No



#### BENEFITS

DDA COMPLIANT	ECO-FRIENDLY	LOW COST
NO MUD	FREE DRAINING	EASY INSTALL
HORSE FRIENDLY	STRONG	SUDS COMPLIANT





## SPECIALIST EQUINE SURFACING

Our **CORE EQUESTRIAN** grid is designed to be versatile and enable the grid to be applied in a variety of applications to cover the needs of the equine industry. The **CORE EQUESTRIAN** grid is made from pure grade high density polyethylene. The material build of the grid means that is highly **shock absorbent** - promoting **natural horse movement** but also a sturdy and firm surface for riding on. The high level of **shock absorption** means it can withstand repeated levels of pressure, yet maintains its structural integrity at all times and will not deform.



By separating the **substructure** from the **riding course**, the mixture of materials is avoided - providing the best conditions for maintaining its **structural integrity**.

## Free Draining Area

**CORE EQUESTRIAN** will allow you to maintain a **free draining arena, paddock or menège** that can be used all year round. By creating a **separation layer** between the ground and traffic load, it **prevents** the surface from becoming saturated and subsequently 'churned up'. Helpful in **high trafficked areas** around feeding stations and gateways that collect water in the wetter months.



## Waxed Surfacing

One of the surfaces that can be achieved using **CORE EQUESTRIAN** is a waxed surface. Waxed surfaces in equine settings can offer a **firmer footing** for horses, as well as being one of the most **low maintenance** surfaces that can be used straight after it has been laid. Most popular for outdoor arenas due to its **long life span** and **excellent stability**.



## Non Waxed Surfacing

The perfect choice for anyone who is looking to upgrade their surface from a non mixed surface. **Easy to install** and only requires minimal maintenance to keep it in perfect working order. Made out of a **washed silica sand** combined with **stabilising fibres**, the sand has a minimal clay and silt content which **lowers** the amount of dust and ensures the surface can soak up moisture whilst still maintaining its **drainage capabilities**.



## Silica Sand

Using a sand that isn't designed for equine use can be detrimental to your horse and unsuccessful as a surface for an arena. It's **important** to use **equestrian silica sand** that maintains a subangular shape to the grains, whilst also having a **low clay content** to provide **stability** and **cushioning** for your horse - as well as maintaining **efficient drainage**.



"My customer required a surfacing solution that could be laid once then forgotten about. Easy maintenance and all year round usage - fantastic!

- Equestrian Arenas Ltd

## Frequently Asked Questions

### Q | WHY WOULD I USE THE GRID OVER TRADITIONAL FILL MATERIALS?

A | The up front cost of using **CORE EQUESTRIAN** grids may seem unattractive when compared to other options - however, with these other options such as using traditional materials on their own, you will be spending money every single year to maintain the area.

With a higher up front cost of using **CORE EQUESTRIAN**, you will save money in the long run due to it not needing anywhere near as much maintenance as they reinforce the surface so effectively.

### Q | HOW MANY GRIDS WOULD I NEED?

A | Multiply the length by the width of the space you wish to cover - this will give you a **m<sup>2</sup>** total. Divide your **m<sup>2</sup>** total by **0.68** (size of each grid). This gives you the total number of equestrian grids that are required.

### Q | IS **CORE EQUESTRIAN** EASY TO INSTALL?

A | Yes! The grid itself has a sophisticated connecting system that allows for fast and seamless installation. Due to its clever locking system, it enables the user to install large areas very quickly. We would expect a competent team of contractors to install the average menège size of 40x20m in 1-2 days.

### Q | WHAT IS THE DELIVERY TIME FOR THIS PRODUCT AFTER ORDERING?

A | The delivery time for this product is 1 to 2 working days from the point of purchase if required ASAP, or we can hold your order in our warehouse free of charge until you require delivery.

### Q | HOW IS THE PRODUCT DELIVERED?

A | The grids are carefully loaded onto pallets, wrapped for protection in transit and delivered by an experienced and professional third party courier that can cater to any site or delivery requirements.

### Q | WILL THE SYSTEM NEED REPLACING/MAINTAINING OFTEN?

A | No! The great attribute of this grid is that it only ever needs to be installed once. After installation, it only requires annual maintenance of the final wearing course (Silica Sand, Waxed Surface, etc).



**NON  
SLIP  
SURFACE**



## CORE RUBBER GRASS MATS

- Suitable for **all** weather types
- **Fast** and simple installation
- Shock absorbant
- 22mm diameter holes ensure that water and debris **don't** collect - which keeps areas clean
- **No specialist skills** required to install
- **Reduction** in ground erosion
- **Ideal** for back door mats, equestrian areas, paddocks, gateways
- **Perfect** for areas where people slipping is a risk/possibility



### TECHNICAL SPECIFICATION

<b>Material</b>	Recycled Rubber
<b>Mat Size</b>	(1500 x 1000mm) 1.5m <sup>2</sup>
<b>Weight</b>	12kg Per Mat
<b>Cell Wall Thickness</b>	10mm
<b>Aperture Size</b>	22mm
<b>Depth of Cells</b>	23mm or 16mm
<b>Colour</b>	Black
<b>Clipping Mechanism</b>	Fixing Pegs
<b>Pallet Quantity</b>	55 Mats

### BENEFITS

 DDA COMPLIANT	 ECO-FRIENDLY	 LOW COST
 MULTI-USE	 EQUINE FRIENDLY	 EASY INSTALL
 NON SLIP SURFACING	 STRONG	 SUDS COMPLIANT

### INSTALLATION

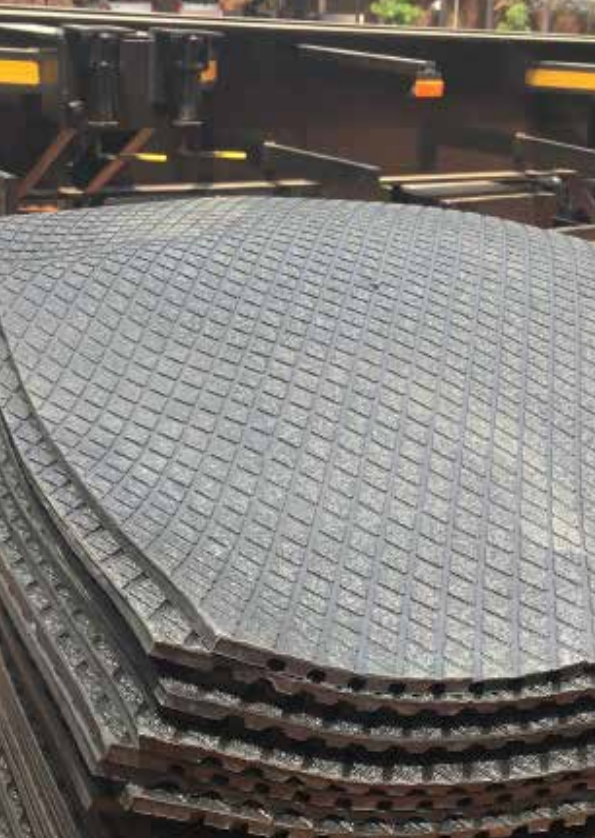
1. Mark out where you plan to lay the Rubber Grass Mat, cut the grass and remove all debris from the area.
2. Using a good quality sandy topsoil, level out the surface and seed the area.
3. On areas where grass is prone to becoming soft and wet, adding our CGPM450 grass protection mesh under the mats can offer some extra reinforcement.
4. Lay the Rubber Grass Mat on the mapped out area. Cut the mats to size and shape to accommodate obstacles or equipment.
5. Use cable ties to fasten all the edges together, using 3 on the long sides and 2 on the short sides. Cut the ends off the cable ties to avoid hazards from the end of the cable tie being exposed above the surface of the mats.
6. While the mats are fixed with the cable ties, use the fixing pegs to secure them. One in each corner, and one in the middle (5 per mat).



The unique aspect to our **CORE Rubber Grass Mats** is through their careful design. The design of them ensures a higher rate of **drainage** which makes them perfect for grassy areas that often have to contend with heavy rainfall churning the ground up after pedestrian use.

The drainage teamed with the design allows areas to **resist waterlogging** or becoming heavily boggy. Furthermore, the mats are designed to allow grass to grow through the holes, which will over time **camouflage** the mat - yet still giving your area a more stable, reinforced **slip resistant** property to it. On top of the added safety, it allows you to retain the **natural** look of your landscape so that the aesthetic of your area remains consistent with its surroundings. Further reinforced by being made of a heavy duty recycled rubber, these mats will stand the test of time and the harshest of conditions.





TECHNICAL SPECIFICATION

Material	Recycled Rubber
Mat Size	2.16m <sup>2</sup>
Weight	8-14 kg Per Mat
Lifespan	10+ years
Finish	Cobble Top / Diamond Top
Depth of Mat	10mm or 22mm
Colour	Black
Clipping Mechanism	Interlocking
Pallet Quantity	55 Mats

BENEFITS

 DDA COMPLIANT	 ECO-FRIENDLY	 LOW COST
 MULTI-USE	 EQUINE FRIENDLY	 EASY INSTALL
 NON SLIP SURFACING	 STRONG	 SUDS COMPLIANT

INSTALLATION

1. Mark out where you plan to lay the Rubber Stable Mat and remove all debris from the area.
2. Ensure that the area has been dried - as well as trying to sterilise the area on which the mats will be laid.
3. Once the area is clean and clear of debris, the mats can be laid in any orientation that you wish. On the interlocking mat, they can be laid and connected and the straight edge can be butted up close together.



Horse's hooves on a cobble top  
**CORE RUBBER STABLE MAT**

**CORE RUBBER STABLE MATS**

- Suitable for **all** weather types
- **Fast** and simple installation
- Shock absorbent
- **No specialist skills** required to install
- **Reduction** in ground erosion
- **Ideal** for stables and paddocks
- **Perfect** for areas where people slipping is a risk/possibility





**PROJECT LOCATION** | Dorset  
**CONTRACTOR** | Equestrian Arenas Ltd  
**CLIENT** | Riding School Facility  
**PROJECT SIZE** | 7600m<sup>2</sup>  
**PRODUCT** | **CORE EQUESTRIAN**  
**WEARING COURSE** | Silica Sand

**CASE STUDY**



**PRACTICAL SOLUTION** | CONTINUED...

The grid on the access trails and routes was filled in parts with a silica sand, a rubber chip mixture in other areas - and even a soil mix for discrete grass reinforcement.

Once all of the tracks and access routes had been supported by the system, the outdoor riding arenas were next.



**PROJECT BRIEF** | RESURFACE RIDING ARENAS AND ACCESS ROUTES AROUND THE SITE

As well as the riding arenas at the location, the grounds of the equestrian facility were vast and required the various tracks and trails to be resurfaced to enable easier passage and movement around the entire facility.

Excavating the areas first to establish a more workable area was the first priority so that the MOT type 1 subbase could then be laid and capped off with a standard membrane (**CORE MultiTrack 1000**).

The riding arenas were relaid with **CORE EQUESTRIAN**. By laying the grid over the subbase, it provides a separation layer between your subbase and your choice of wearing course. This separation layer means that your surface and subbase never mix or churn up. The grid is completely porous - which stops water from collecting in your riding course and freezing in the winter, which prevents the area from being unusable.



**PRACTICAL SOLUTION** | INSTALL THE CORE EQUESTRIAN GRID TO SOLVE ACCESS ISSUES AND FIX RIDING ARENA SURFACING

By concentrating on the access routes and tracks around the location first, the contractor was able to reinforce the ground by using the grid and filling it with a silica sand, and a mix in other parts. The grid was laid on a porous membrane to allow for sufficient drainage. When filled, the grid is versatile and extremely strong - all traffic types can safely use areas where **CORE EQUESTRIAN** is installed.



**OUTCOME** | SUCCESSFUL INSTALL AND BOTH CONTRACTOR AND OWNER WERE THRILLED WITH THE RESULT.

All parties involved were highly impressed with the performance of the system overall and the main contractors commented on the high level of technical support and customer service provided by **CORE** throughout the project.



# LANDSCAPE PRODUCTS THAT WON'T COST YOU THE EARTH

