



## **Attwood Equestrian Surfaces, Inc**

Corporate Office and USA | Asia-Pacific and Middle East | UK and Europe

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### **Attwood Partners with Fair Hill International**

Great News!

Attwood Equestrian Surfaces Announced Official Footing Supplier at Fair Hill International!

Attwood Equestrian Surfaces is pleased to announce a partnership with the Fair Hill Natural Resources Management Area Equine Improvements Project to provide the arena footing for the proposed five new arenas. After going through an exhaustive selection process, Attwood emerged as the choice for the footing for the new arenas. "Attwood Equestrian Surfaces (AES) is dedicated to producing and delivering the most technologically advanced footing available for these competition rings," said Nick Attwood, president of AES. "Adding Fair Hill International to our list of clients is an exciting bonus for us this year."



Fair Hill International has long-term plans to build a grandstand and tunnel system to meet audience needs for a potential world-class event.

In March of 2016, Fair Hill International received a request from the U.S. Equestrian Federation for Fair Hill to bid on a new FEI-sanctioned four-star three-day event. The location already had a proven track record of international caliber eventing at the three- and two-star levels. When the bidding process began, a four-star was the highest level of competition in the world of international eventing, and the U.S. only hosted one four-star, in Kentucky each April.

“What FHI went through to win this bid was a monumental achievement and a real acknowledgement of the dedication of the people behind this facility. We got involved in the initial planning stages, working to provide drainage solutions, water conservation ideas, etc. This is an immense project on public properties. It had to be perfect.

While ground was broken on the project this past May, the planning for the footing started easily a year or more ago. Taking in the grand scale of the project, the amount of use by various disciplines, the climate, etc., there was much to plan. This is going to be epic. Think of all the riders who will now have access to this state of the art facility. It really is from 4-H to Five Star. We are very happy to be a part of that,” said Attwood.

Since the bid was given to FHI, the FEI changed the rating scale, pushing the four-star to a five. The Improvements Project will bring the facility upgrades to the venue in preparation of hosting a CCI5\*-L event starting in 2020. Renovations also include an irrigated turf race course, a new timber racing course, a cross-country component, a graded grass field on the infield, a new training area, an equine campground and a grandstand overlooking the field.

For further information about Attwood Equestrian Surfaces, their products and services, please contact Melanie Bartenstein at 888-461-7755.

### **About Attwood Equestrian Surfaces:**

A horse's health and soundness can be greatly impacted by its daily training surface. For more than twenty-five years, Attwood Equestrian Surfaces has provided premium surfaces for the equestrian athlete to train safely with confidence.

From the beginning, Attwood has been recognized for being the industry leader in innovation and practical solutions for horse and rider. In fact, one of our original products, Equation, was the very first dust-free footing brought to the marketplace.

Attwood is a complete service arena builder. We also provide site preparation, drainage solutions, base installation, kick boards, fence installation and additive incorporation.

Whether your discipline is jumping, dressage, racing, eventing or the hunters, our arenas and tracks provide your horse an ideal environment to train and compete safely and confidently.

For more information, visit [www.equestriansurfaces.com](http://www.equestriansurfaces.com)

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## **Huge Congratulations to Boyd Martin, Lynn Symansky for an outstanding competition at the PanAm games**

Drumroll please..... you are looking at Boyd Martin, double gold medalist, Lynn Symansky, individual silver medalist and team gold medalist, and Carlos Parro of Brazil, individual bronze and team silver medalist!



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## Attwood Arena Mats - NOW ON SALE!

State of the art arena mats on sale. Used once at an A-Rated horse show then pulled. Innovative interlocking tongue and groove design brings a new level of efficiency to installing a new arena base. Provides stability and drainage. Almost half the cost of new mats. Limited quantities. Shipping to be quoted. Please call Melanie at 888-461-7788 for further information.

An advertisement for Attwood Arena Mats. The top half of the image shows a close-up of the interlocking mat design, which is a dark color with a light-colored sand or bedding material. The text "ARENA MATS" is written in large, bold, green letters, and "LOW LOW PRICE" is written in large, bold, orange letters. In the top right corner, there is a red starburst graphic with the text "LIMITED TIME LIMITED QUANTITIES". In the bottom right corner, there is a logo for "Attwood EQUESTRIAN SURFACES" with a small square icon to the left of the text.

**ARENA MATS**  
**LOW LOW PRICE**

LIMITED TIME  
LIMITED  
QUANTITIES

Attwood  
EQUESTRIAN  
SURFACES

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## Product Profile : ArenaMat

In Attwood's consistent effort to provide meticulously engineered surfaces that benefit the horse and the rider, we introduce the perfect ingredient to best Arena Footing- ArenaMat!

ArenaMat equestrian mat system is designed to deliver the latest in arena surface technology. This economical system provides many advantages over traditional arena base design. Because of the stability provided by the mats, less sub-base material is required, whilst a thinner layer of top footing material is also facilitated, especially if you choose one of Attwood's top quality, supportive footing products. Finally a membrane between base and footing is not required.

In cases where you want a temporary facility, ArenaMat can even be placed directly onto reasonably level ground such as turf. All of this helps to reduce cost.

Featuring advanced design, drain channels allow excess water to easily move to the sub-base layer, whilst 'cups' hold water to release it back to the footing layer, significantly reducing watering.

The grid system helps to hold footing in place, improving grip. The slightly elastic nature of the mat also provides extra cushioning, protecting limbs from injury.

ArenaMat base mat system is specially designed for arena construction

### Benefits include:

- Cost Effective
- Less sub-base material & thinner footing layer
- Will not clog like membrane layer
- Improves drainage
- Significantly reduces watering
- Improved shock absorption/concussion
- Improved grip
- Simple installation
- U.V., rot resistant, and environmentally friendly material
- Allows easy de-installation of footing
- Can be used without a drainage base for temporary facilities

Tested by the highest level of experts of equestrian sport, ArenaMat has consistently proven it's efficiency. Not just safety and comfort, horses need the perfect spring to perform their best. And that's exactly why ArenaMat is undoubtedly the best choice!

Special Introductory offer on Attwood ArenaMat. Drop us a line at [info@equestriansurfaces.com](mailto:info@equestriansurfaces.com) to know more!

### Technical Data

#### Outdoor ArenaMat

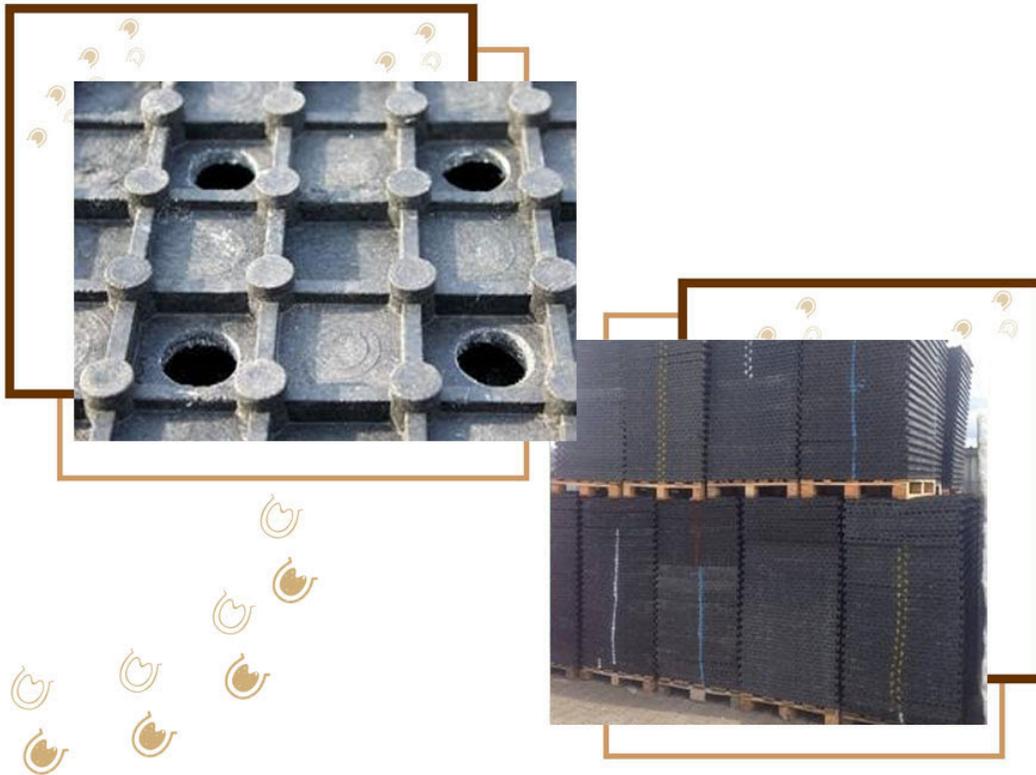
This mat is for outdoor riding arenas, paddocks, hotwalkers and is made from 100% elastic PVC material.

- **Length:** 3.94 feet
- **Width:** 2.72 feet
- **Height:** 1.58"
- **Weight:** 44 pounds
- **Drainage:** 190 holes/mat
- **Coverage:** 10.72 sq ft = 1.19 sq yards
- **Water storage capacity:** 0.1 gal/ft<sup>2</sup> (4L/m<sup>2</sup>)

### Interlocking Arena Base Mat System

Ideal for building short-term show arenas on grass, indoor arenas and Western Pleasure arena construction.

- **Length:** 3.28 feet
- **Width:** 2.78 feet
- **Height:** 1.58"
- **Weight:** 36-40 lbs
- **Drainage:** 168 holes/mat
- **Coverage:** 9.12 sq ft = 1.00 sq yd



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[Footings Facts August 2019](#)

Coated Footings for Hot Climates

Over the years in Footing Facts, we have on several occasions explored several aspects of coated, dust-free footings, from their longevity, to their performance in different climates. This month we want to talk again about coated footings and their response to different temperatures. This is particularly relevant to us at the moment, as we are currently engaged in installing a polymer-coated TerraNova arena in the Middle East.

Coated surfaces are sold on the basis that they are low maintenance compared to traditional sand surfaces. Cheapest among coated surfaces are wax-based products, and this apparent economical solution leads to quite a high level of popularity. And wax surfaces can perform reasonably well in normal temperate climates in the spring summer and autumn months, but problems can be encountered in winter with hardness, and at the other end of the scale in hotter climates. Nowhere else in the world do coated surfaces get stretched to their limit (and beyond in many cases) than in the Middle East.

This part of the world is generally characterised by hot, dry weather. Winters are cooler and can give rise to some rain, but no rain in the months of June, July, August and September. During the summer, average temperatures are around 40°C.



The heat and sun intensity, and lack of rain present special difficulties for riding surfaces. Because water is scarce across the region, traditional watered arenas are not always an easy choice. Over-spraying is an inefficient way of watering an arena, so the newer underground watering systems are proving popular. These systems claim to use considerably less water since none is lost to over-spraying and 'in-flight' evaporation. Of course water still evaporates from the surface so in this hot, dry region water usage is still high.

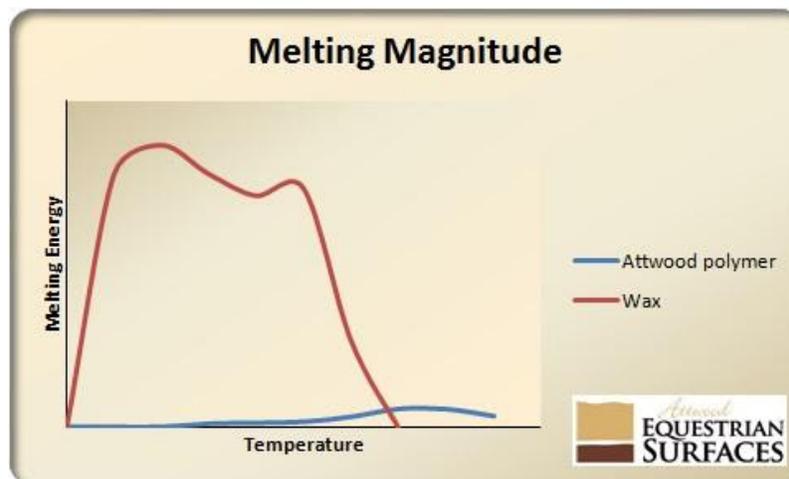
This has made coated surfaces particularly attractive, although their success has been mixed. This has been primarily due to the poor performance of wax-based footings. Equestrian waxes are mixtures of soft crystalline solids, that begin to melt at temperatures typical of surface temperatures in the Middle

East. Consequently there is a huge change in properties as the wax starts to turn to liquid (think of a melting candle).



The effect is dramatic as the wax changes from a soft solid (rather like Vaseline) to a liquid. This in turn significantly changes the feeling and ‘going’ of the surface.

Now to Attwood’s polymer-coated surfaces, Pinnacle and TerraNova. The principle is the same - an adhesive coating to bind the sand and textiles together. But in our case, the polymers used are very strong and stretchy, so hold everything together really well. The serious problem of melting does not occur with our polymer coatings. The polymers we use do not melt like wax.



The graph shows a Differential Scanning Calorimetry trace of a commercial wax, and Attwood’s Pinnacle polymer binder.

This technique measures the amount of change taking place during heating, with a huge change when the wax melts (red line) compared to the small change when Pinnacle binder is heated (blue line). This means that Attwood’s polymer-coated surfaces change very little when the temperature changes.

But you may be wondering, if wax does not have the necessary properties, why is it used at all? Well the answer to that is that it is cheap. This is because it is a by-product of oil refining, being part of the thick bituminous component that is left after all the useful petroleum fuel products are removed. Contrast this to properly engineered polymer binders used by Attwood that are synthesised specifically for their properties. And customers in the Middle East are beginning to recognise the

superior performance of Attwood's coated surfaces which are perfectly suited to the climate there.



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## Our Social Media Channels



Continue to engage with us on the social media platform of your choice, [Instagram](#), [Twitter](#), [Facebook](#) and [Youtube](#). We love to hear from you!

You can also contact us at [info@equestriansurfaces.com](mailto:info@equestriansurfaces.com), [info@attwood.in](mailto:info@attwood.in) and [enquiries@aesurfaces.co.uk](mailto:enquiries@aesurfaces.co.uk).

Download our previous newsletters from our [archives](#).

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*Attwood Equestrian Surfaces provides meticulously engineered surfaces that benefit both the horse and the rider.*

