

RAMOS

SPORT

ALLIGO OPTIMUM FIBRE

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Alligo Optimum Fbre will give your arena surface stability and support. It will give your horse traction with enough energy return to feel free and confident in his/her movements to perform at their best. For higher level performance horses doing collected movements such as canter pirouette, there is enough rotational shearing in the surface to support an almost static load.

Over time the surface will form an artificial root system at the base to ensure a very stable and non shifting surface. The top of the surface can be a little looser to give a bit of cushioning, which can be regulated through watering.

Manufacturing

To produce our Alligo Optimum Fibre, we only source from approved, Australian Manufacturers to ensure quality and consistency in our fibres.

Alligo Optimum Fibres are manufactured using a polyester blend. These fibres are crafted through a controlled process to achieve optimal particle size. Quality and consistency are assured with our facility processing materials under the control of ISO 9001:2015 Quality and ISO 45001:2018 Safety Management Systems.

Compatibility & Installation

Step 1: Sand Selection:

Sand selection is crucial, particularly when blending with fibres. The type of sand selection must be compatible with adding water to ensure optimal binding. We can provide advice and a list of quarries that will meet this key criteria.

Step 2: Alligo Optimum Fbre delivery system:

The Alligo Optimum Fibre is delivered in 400kg bulk bags dimensions 180x110x110m.

Step 3: Quantity estimate of sand:

It is a fibre sand ratio, the ideal blend ratio is 7cm to 7.5 cm of sand, combined with one 400kg bag of Fibre per 10 square meters (Refer to diagram 1).

This can be varied depending on your chosen discipline, please contact us for more information.

Step 4: Sand requirements:

Distribution of sand evenly across the whole arena and ensure sand is laser levelled. Sand will then need to be wetted down until binding together.

Place Alligo Optimum Fibre bags in each 10 meter square as illustrated on diagram
Spread fibres evenly and wet fibres down until very wet.

Step 5: The mixing phase:

You will need a rotary hoe or Harley rake to mix sand and fibres together, making sure to get the fibres down as close as possible to the base without disturbing the base.

Step 6: Final phase:

Using a heavy roller, compact the surface down.

Maintenance

The importance of maintenance to your arena is crucial. It will involve watering and harrowing/rolling. (The unit for the job will do both simultaneously.)

Maintenance is part of having a well functioning arena, aiding in keeping the surface consistent and moist.

Unkept surfaces contribute to uneven surfaces, which has been found to suggest that horses modify their gaits based on the small changes in the surface, so it is always best to keep it uniformed across the whole arena to achieve optimal riding performance.

Having a watering system or sprinklers is essential if you choose to have a surface with Alligo Optimum Fibre.

The surface will need watering everyday, not as much in winter as in summer for indoor arenas. Outdoor arenas, Mother Nature will take care of a lot of the watering so you will need to adjust your watering depending on the weather.

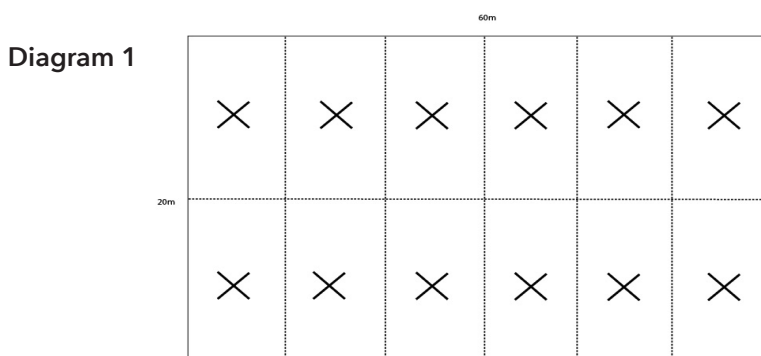
The secret is that the sand and the fibres binds together when adding water, and because of the fibres, the water is retained within the surface for longer. Never let your arena surface dry out completely as you will need a lot of water to get it back to optimal.

Low traffic arenas need harrowing/rolling in winter once a week is usually enough but in summer 2/3 times a week. High traffic arenas need harrowing/rolling once a day usually.

Cost & Quantity

Alligo Fibre 400kg bag \$1025 plus GST.

Fibres will be delivered in 400kg bulk bags, with dimensions of 180 x 110 x 110m.



Shipping and freight costs will be calculated upon ordering.

To calculate the quantity of Alligo Optimum Fibre required for your arena, the fibre sand ideal blend ratio is 7cm to 7.5cm of sand, combined with one 400kg per 10 meters squared (refer to above diagram).

For example, a 20m x 60m arena will require approximately 13 bags.

Additional 400kg Bulk bags are available to purchase individually to top up existing arena surfaces if needed.

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