

ARENA FOOTING

Additives



COLUMBUS was able to gather a lot of knowledge concerning equine husbandry during the many years in the business. This is also why we are convinced that a high quality arena footing is utterly important. Frequently we see new arenas which don't meet the demands of clients anymore even after short periods of time. Furthermore it is important to think about recycling early on because even the best arena footing has to be exchanged at some point, thus we should be aware of environmental issues that could occur.



“Cocotop®” – Coconut chips and fibres stabilise top layer sands and are characterized by special chemical and physical features. The coconut chips are produced by a special process and are contrary to wood chips and other organic additives very resilient regarding rotting and weathering.

Cocotop

The 10-15mm big coconut chips and fibres induce reinforcement and stabilization for the arena footing. The top layer preserves more shear resistance, gets more stable and has more grip. The quantity requirements for this innovative and eco-friendly additive are approximately between 3-4kg coconut chips per square meter arena surface depending on the thickness of the top layer.



↑ Next step - mixing the coconut chips into the top layer



Benefits summarized:

- resilient regarding rotting and weathering
- stores moisture and delivers it to top layer
- provides drain effect within top layer
- dust free
- renewable and eco-friendly resource

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The synthetic textile chaff '**Geoflocken**' improves the top layer by compensating imbalances of the footing. An arena footing with **Geoflocken** protects horses' ligaments and joints as well as minimizes tracks. The 10-20mm big textile chaff pieces are mixed into the top layer sand and are available in white and green. The quantity requirements are approximately 2.5 – 3.0 kg **Geoflocken** per square meter arena surface depending on the thickness of the top layer.

Geoflocken

Benefits summarized:

- Effective compensation for too soft or too hard surfaces
- Better grip and elasticity – less strain for tendons, ligaments and joints of the horse
- Decreases dust development in dry periods
- Increases moisture absorption and storage
- Top layer gets less frost-susceptible
- Inhibits the formation of mould
- Neutral to groundwater
- High environmental sustainability – harmless for animals and plants
- High resistance against acids, microbes and uv-rays
- Durable since rot-proof compared to wood chips
- Recyclable – does not require special supervision when disposed (no hazardous waste)
- Certified quality according to German standards



In top layers consisting of quartz sand our Geoflocken provide you with optimal stability, grip and flexibility which are noticeable for horse and rider. It is an investment which will pay out because of the longevity of the arena footing. Our textile chaff is therefore ideal for new arenas or a modernization of existing arena footings. This product is suitable for indoor and outdoor arenas. We only deliver high-quality and certified Materials – no carpet pieces, cotton or other waste materials. Our textile chaff is made from polyester and is also available mixed with polyester fibres. The mix ratio (amount of fibres within the textile chaff) depends on the individual wishes of the customer (for example: tendency to dressage or show jumping) or the composition of the top layer sand. The textile is delivered in pressed bales on pallets.