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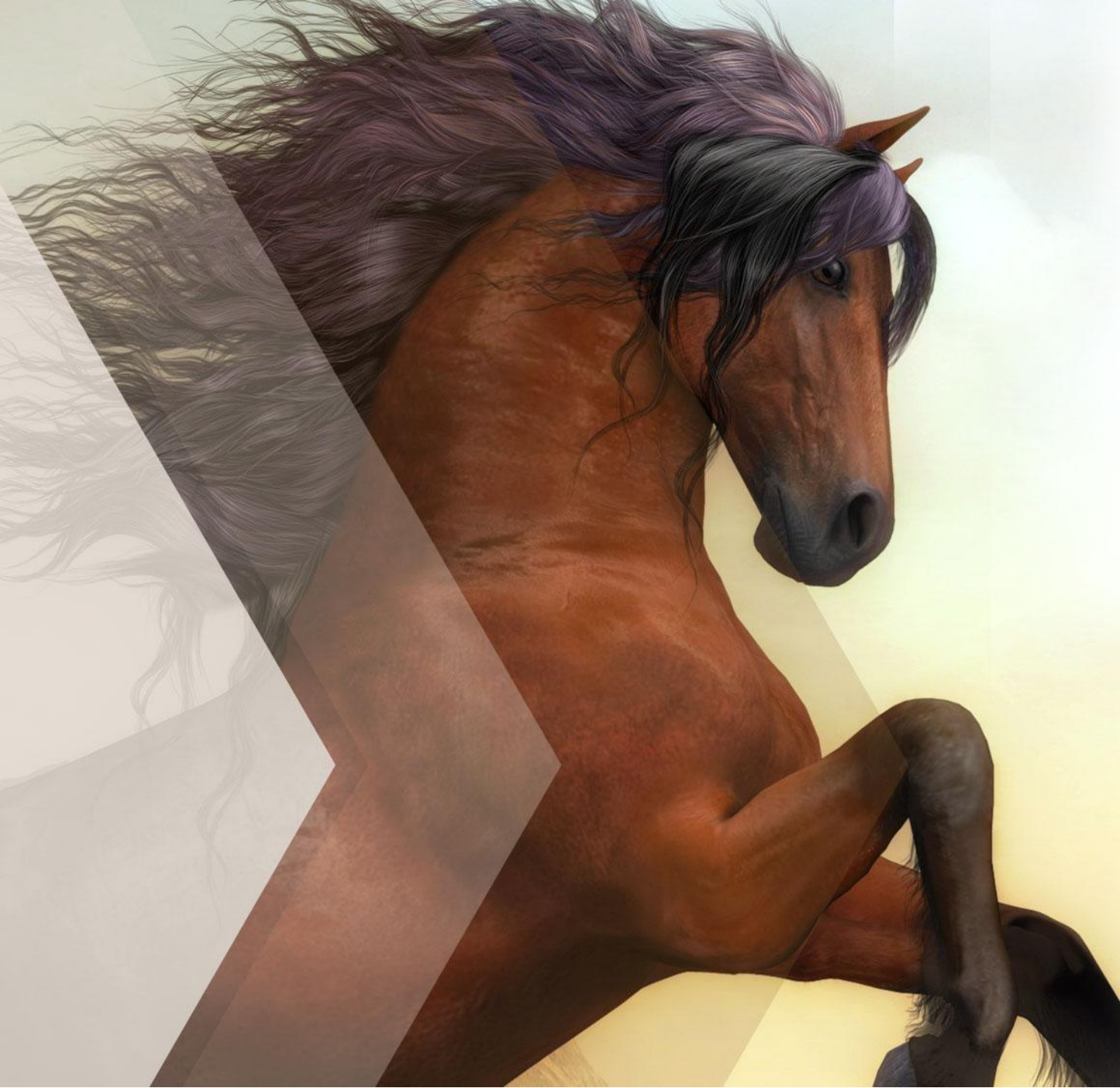
01

MEREN Experience With Horses

MEREN’S equestrian grade sand have sub-angular shaped grain particles and a low clay and silt content. These characteristics help create a firm and stable aren a surface whilst reducing dust and facilitating efficient drainage.

Using silica sand that is unsuitable for equestrian use will likely result in an unsuccessful riding arena surface. Sand with a rounded grain cannot compact sufficiently and creates a manège surface that rides deep, dramatically increasing the risk of fatigue and injury to your horse.



02 ADDITIVES

Silica Sand Additives

The correct sand is only one component of any successful riding arena. Unsuitable as a stand-alone surface, we strongly recommend combining your equestrian sand with stabilising fibre, adding a topper of rubber chippings or both.

Daytec™ Stabilising Fibre

Adding a stabilising fibre to your surface creates a root-like structure within the silica sand. This structure helps bind the surface materials together and provides extra stability, which allows your horse to travel freely over the surface rather than riding through it.

Silica Sand

Overview

We MEREN have built up an extensive portfolio of equestrian grade sands ,including the highly renowned source . At a minimum, sand suitable for equestrian use should have sub-angular-shaped grain particles and a low clay and silt content to promote good drainage.

Application

Silica sand is ideal for creating bespoke, mixed in-situ surfaces and can be used as a stand-alone surface for turnout areas.

Benefits

- Graded for equestrian use
- Low clay and silt content
- Sub-angular shaped grain particles
- Suitable for various applications
- Cost-effective Quick, reliable deliveries

03 Washed Silica Sand & Additives

The Hashemite Kingdom of Jordan
Ministry of Energy and Mineral Resources/ Laboratories & Quality Directorate
TEST REPORT
X-RAY SPECTROMETRIC& LOI ANALYSIS

Division Chemical & Mineral Analysis/Lab. X.R.F
Client Name & Address: شركة الشرق الاوسط للتنمية الاقليمية / عمان
Sample Type: رمل
Sample Method: By Client
Date of Receipt: 27/12/2018
Reporting Date: 30/12/2018
Test Report No.:252/12/2018/CH87
Sample Location: -
Testing Date: 30/12/2018

Item	S.ID.	Fe_2O_3 Wt.%	MnO Wt.%	TiO_2 Wt.%	CaO Wt.%	K_2O Wt.%	P_2O_5 Wt.%	SiO_2 Wt.%	Al_2O_3 Wt.%	MgO Wt.%	Na_2O Wt.%	L.O.I Wt.%
1	M 18 -200	0.04	0.01	0.03	0.03	ND	ND	99.10	0.11	0.02	ND	0.31
2	M 18 -500	0.06	0.01	0.02	0.03	ND	ND	99.20	0.06	ND	ND	0.33

Note: The results were done on dry basis

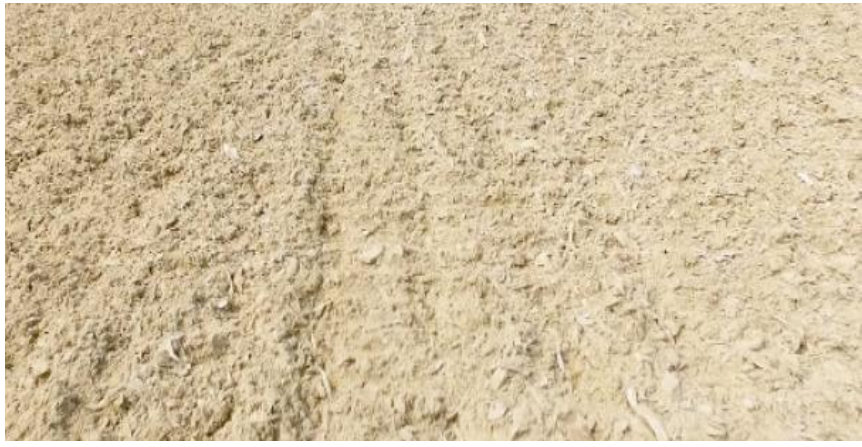
- THE TEST RESULTS RELATE ONLY TO THE ITEMS TESTED & BROUGHT BY CLIENT
- TEST REPORT IS ONLY VAILD WITH MEMR STAMP & SIGNATURES.
- THE TEST WAS PERFORMED ACCORDING TO YOUR REQUEST.

Analyzed by: Eng. Nedal Tayyem
Chemist Hanady Al Sharif

Division Head: Eng .Maysoon Alkhzahee

Laboratories & Quality Director / Quality Manager: Eng. Omar Tahat

Jordan –Amman- Al Byader- 8th Circle . – Telefax +96265504409 – P.O. Box.7
(Web site: www.memr.gov.jo)

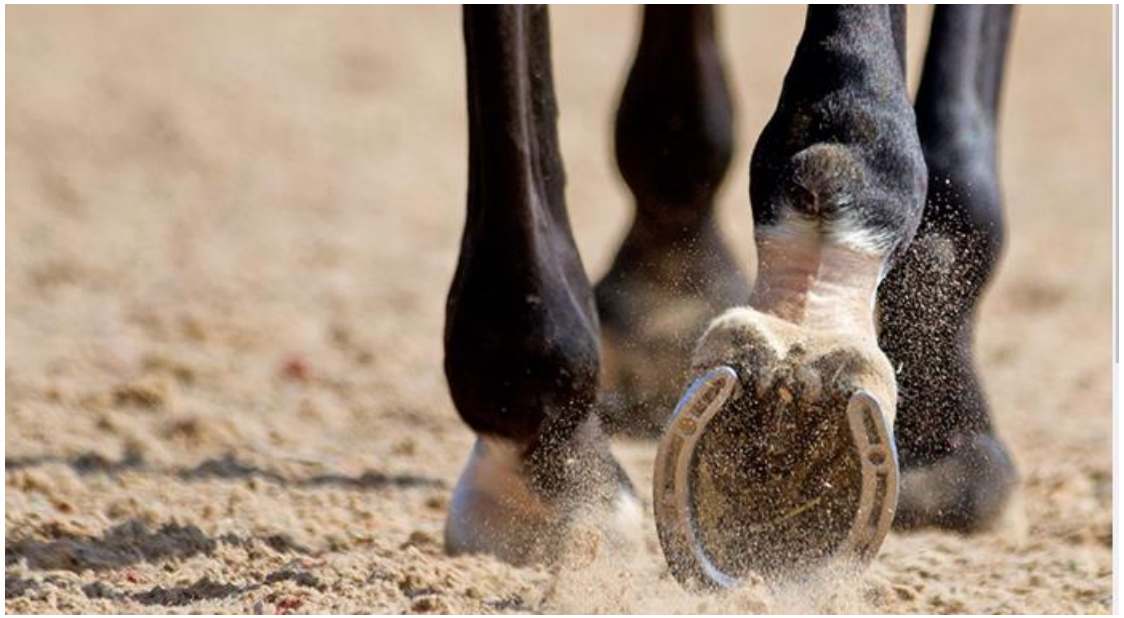


MEREN IFIBERTECH

Daytec® is made using fully synthetic, post-production textile fiber that is guaranteed not to break down over time. Fibres create a root-like structure within the silica sand that allows the horse to travel freely over the surface rather than riding through it. They also encourage essential moisture retention, which helps to keep the surface performing at its best.

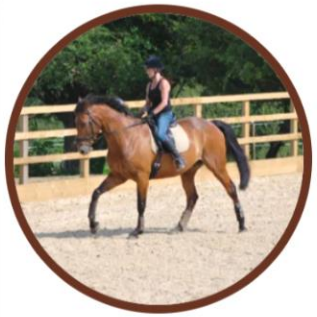
Benefits

- Developed for high-intensity use
- Offers excellent stability and performance
- Durable even under heavy footfall
- Dust-free with minimal kickback
- Low maintenance
- Suitable for indoor and outdoor use

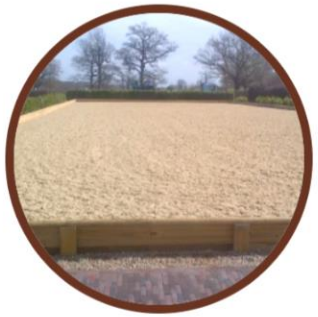


04

Recommend For



General Use



Outdoor Arenas

Private Yards

Surface Upgrades