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Producer: DANSAND A/S, Lervejdal 8B, 8740 Brædstrup
Responsible: Linette Helbo Jensen
Item number: 480071
Product designation: Washed silica sand

DANSAND® Care Fibre

Tested on horses

Description

DANSAND® Care Fibre is our light-colored, pure silica sand mixed with fibres. At our modern production facility, we add fibers to the washed and sorted silica sand, ensuring a perfectly homogeneous product.

DANSAND® Care Fibre is sold via our Danish dealer ridebane.dk and Skibby HC. BOth have long experience in the construction of riding arenas and are capable of providing consultancy or turnkey arena construction.

DANSAND® Care Fibre is tested by STRI in Great Britain Tests were carried out using infrared X-ray measurements to demonstrate which sand types have the lowest impact on the motion apparatus of horses in both dressage and jumping.

The high breaking strength of the silica sand prevents it from being crushed under the hooves of the horse, leaving structure and breaking strength intact.

JUMPING

The tests measured kickback effect and landing back stroke to demonstrate the impact and stress on back, tendons, distal joints and hoof joints on jumps and landings.

DRESSAGE

The tests focused on the horse's surface contact and the impact point of the hoof in the sand. A loose surface will lead to variations in impact and consequently varying stresses on the distal and hoof joints and tendons. A surface which is too hard will limit the hoof impact point to just the surface of the shoe.

BENEFITS OF DANSAND® CARE FIBRE

- Retains moisture in the surface layer
- Provides good springiness
- Based on pure natural materials (no synthetic materials used)
- Long product life
- Limits stress on the horses' motion apparatus and load-bearing body parts

Specifications

DECLARATION

Product name: DANSAND® Care Fibre

Properties	Testing method	Expected value	Variation range
Average grain size - mm	EN 933-1	0.12	0.10-0.14
Density – kg/m³	DS/EN 1097-6	2640	2620-2660
SiO2 – %	XRF	95 %	> 92 %

Analysis data should be considered as guidance only. The raw material is a natural product whose composition may vary.

DELIVERY

The product is delivered loose as a bulk item.

STORAGE

Under cover and with no risk of contamination.

ENVIRONMENTAL INFORMATION AND DISPOSAL

To be disposed of in accordance with current regulations.

Manual

APPLICATION

DANSAND® Care Fibre is used as a top layer where the highest possible quality is needed. To gain all benefits of the product it is vital to ensure that the substrates are constructed according to best practice.
For advice on planning and implementation please consult our distributor ridebane.dk.



DANSAND® Care Fibre

Variants: 480071