



DirtGlue

White Paper

ArenaKleen™ Organic Fluid

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Product Description

ArenaKleen is a non-evaporative, non-aqueous organic fluid that is superior in its functionality at controlling dust in equestrian arenas. It has been used by many top stables worldwide including the private stable of the Crown Prince of Abu Dhabi, the International Invitational Horse Show at The Royal Winter Fair in Toronto [www.royalfair.org/ (click: watch video)]. ArenaKleen has also been used for dust control for the Toronto Mounted Police arena. In fact World Champion Equestrian, Ian Millar used ArenaKleen at his stable (Millar Brook Farm) in Perth, Ont. Mr. Millar found that ArenaKleen is more than just superior at controlling dust, ArenaKleen functions in a way which actually improves footing quality and horse performance so he decided to endorse ArenaKleen.

ArenaKleen will work anywhere that there is a dust problem on a farm or stable, indoor arena, outdoor arena, paddocks, aisle ways, etc. Horse trailer parking areas may be treated with DustLess for equally good dust control. If the arena footing material contains high clay content or organic matter it may require substantially higher initial application rate. Good arena footing material contains little or no clay. If clay content is more than a few percent then initial application will require extra ArenaKleen. If arena footing contains rubber, the typical crumb rubber that makes up rubber footing material usually requires more ArenaKleen on initial application because it is very dry and absorbs much more than normal. Alternatively footing material can be removed and replaced with a sand/stonedust blend that requires less product so is less dusty overall. Please look at [Understanding Dust Control...](#) & [Equestrian Riding Surfaces...](#) so as to begin to understand the complex issues involved. For basics on good arena footing maintenance and proper footing system construction and care see [Arena Construction & Maintenance](#).

The typical application rate is 600 gallons per acre, per inch of footing material for initial application. It is important that you obtain footing depth measurements in random multiple locations and not underestimate the depth of footing to the compacted base to ensure complete coverage and a successful application. The product is sold in 275 gallon IBC plastic totes for easy shipping & handling. ArenaKleen can be applied at any temperature and the area can be used immediately after application. A refresher application after about 8 - 15 months is

typical. Because the product is accumulative in the soil, after multiple applications have been made the application rate will likely go down to about 2/3 or 1/2 the initial application.

Length of time between applications depends on several factors such as soil particle size, amount of dust, depth of loose soil, type of footing material, etc. Multiple applications build up in the soil providing better and better dust control over time.

The typical application rate may be adjusted up or down depending on footing type, footing depth, and footing condition/age.

Nobody wants to spend money needlessly but it is important to recognize that the problem we're referring to is more than a nuisance:

- 1) It is a major health issue for horse, rider, and spectator.*
- 2) The footing is being prematurely pulverized and compacted, reducing its useful lifespan.*

ArenaKleen is spray applied to the surface of the soil using a tank with pump and hose, a water truck, an agricultural sprayer, a hydroseeder, or the equivalent. Anything that will spray water will spray this product. The products are non-corrosive and non-toxic. In most cases we can arrange application if you do not want to do it yourself.

It is important not to underestimate the depth of the arena footing material down the compacted base. Accurately measure your footing depth in several random locations (including the corners) of your arena and be sure to dig down to whatever makes up the base material where it becomes hard and compacted. A small discrepancy in actual depth may have a major impact on performance/longevity due to the fact that this small discrepancy covers such a large area thus the extra volume of soil to be treated can be significant.

The key consideration is that this treatment eliminates the health hazard of silicosis, it is long-term dust control, no water will ever be required and the footing will remain consistently firm throughout the lifespan of the application.

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by DirtGlue Enterprises

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