

ArenaKleen – Lifespan Expectations

An **ArenaKleen** application typically lasts about a year. There are *substantial variations* to this due to the type of soil/aggregate that makes up the arena, fiber content of the footing materials (if any), amount of usage, type of usage, depth of footing, in outdoor arenas the amount of dust that blows in from untreated areas, type and quality of the compacted base upon which the footing material sits, etc. Most arenas are made up of hard packed base with a layer of footing material on the surface designed to offer cushion and traction necessary for the specific riding discipline.

A brief discussion of each issue:

1. **Footing materials** made up from softer rock aggregate break up from the pounding of hooves faster than harder rock therefore more dust sooner. Soils with high clay content lend to absorb much of the **ArenaKleen**, especially the first application thus shortening the life span of the application or requiring higher initial application rate to make up for the high initial absorbance.
2. **Fibers such as crumb rubber, leather, or other natural or synthetic fibers** all have different absorption characteristics and effect how much **ArenaKleen** may need to be applied, especially effecting initial application rates.
3. **Footing materials must be deep enough to prevent the horses' hooves from digging through the footing and gouging or scarping the base** during use although it should not be deeper than necessary to meet the needs of the riding discipline. If the hooves continually dig into the base the application will become quickly overwhelmed by the untreated base material being churned into the treated footing material. Cattle cutting, roping, gymkhana, bronco riding and penning are examples of activities which often unintentionally bring the base material up into the footing and rapidly churn it in reducing lifespan.
4. **The quality of the base**, amount of compaction of the base and even the type of material that the base is made of effect the lifespan of the dust control agent.
5. **Sometimes high winds** can blow dust from a substantial distance onto the treated surface thus prematurely overwhelming the treatment in outdoor arenas.

ArenaKleen is typically used in arenas as a solution for all dust. It soaks into the individual soil/dust particles making them too heavy to move thus eliminating dust. It does not form a crust and never evaporates thereby being unaffected by time. Because it never evaporates it lasts for a very long time, 9 – 5 months dust control with one application. As long as the treated soil is still in place if retreatment becomes desirable it can be done at a substantially lower rate. Application is very simple (anything that will apply water will apply **ArenaKleen**). Because it is non-corrosive, non-acidic, and doesn't harden there is no equipment clean up necessary.

There is no question that arena footing that is watered to control dust is much less consistent than an arena treated with **ArenaKleen**). Also maintenance is reduced exponentially.