

Versatile Application

- Overview:** Through extensive research and development Midwest's synthetic fluids and binder systems are specifically engineered for optimum application and performance. They have unique properties not found in other types of dust palliatives which allows for EnviroKleen and EK35 to be applied in some of the most extreme climates. Below are some examples of the versatility of the products used in Midwest's Semi-Permanent Gravel Runway system.
- Weather:** EnviroKleen and EK35 can be applied at temperatures below 40°F without adverse effects on performance. EnviroKleen and EK35 can be stored at temperatures below -50°F as neither will freeze. This makes EnviroKleen and EK35 ideal for cold regions.
- Soil Types:** Although Midwest recommends an optimum aggregate gradation for the best performance, EnviroKleen and EK35 can be applied effectively to most soil types. Midwest offers site specific laboratory testing to determine the correct product and application rate that will yield the best results for your specific soil.
- Topical/Blended:** EnviroKleen and EK35 can be topically applied to a finished surface or blended into the upper 4-12". Topical applications penetrate the surface and provide effective long-term dust control. Blended applications are incorporated into loose aggregate prior to compaction and are used to aid in stabilizing the surface while providing essential long-term dust control.
- Reworkable:** Do to the constantly active nature of EnviroKleen and EK35, treated surfaces can be reworked if damage occurs without the addition of more product. This allows for maintenance activities to happen without effecting the performance of the product.
- Applied Neat:** EnviroKleen and EK35 are not soluble in water and therefore do not need to be diluted with water for application. This is critical in areas where water is scarce or unavailable.
- No Cure Time:** EnviroKleen and EK35 do not undergo a curing process. Both products require approximately two weeks to coat and impregnate every soil or aggregate particle. However, the treated surface can be trafficked immediately after application without negatively effecting the long-term performance.
- E-Sprayer:** The E-Sprayer system is custom designed to dispense EnviroKleen and EK35 even under the most demanding dust conditions. This lightweight yet durable unit makes applications easy and efficient. The E-sprayer can be attached to the back of a pickup truck and is fed from a totes or other similar container. The flow control allows for accurate applications which results in consistent, uniform applications.