



Destroy Dust But Not the Environment

Earth Armour was formulated to be as gentle on the environment as it is tough on dust and unstable surfaces. Like all Midwest products, our environmentally friendly dust control products dramatically outperform other methods both in terms of cost and man-hours dedicated to maintenance.

Vital statistics

- Safe for people and the environment
- Effective for reducing PM10 and PM2.5
- Can be reworked without reapplication
- Does not evaporate or leach out of the surface
- Performs well at extreme temperatures
- Can be stored at temperatures down to -50° F
- Readily biodegradable in natural environments
- Works with all types of soils and aggregates

Why Earth Armour?

Treating a symptom like dust is a temporary band-aid. Midwest goes after the *root cause* of a problem like surface instability and works tenaciously and without compromise until we find the optimal solution. In this case, the solution is Earth Armour. Earth Armour quickly penetrates dust and remains actively effective on clay, sand, gravel, limestone, and most native soils regardless of the weather or how severe the traffic. As fines are generated, they are captured, preventing them from escaping as dust.

Earth Armour is cost-effective for controlling PM10 and PM2.5 from open fugitive dust sources, and unlike other available products it will not track onto public roadways or stick to vehicles. It provide longer-lasting performance and require fewer applications than other dust control and surface stabilization methods - regardless of season.

Effectively suppress dust in places where uncontrolled dust is not an option.

Portable 1500 Spray System with Technical and Application Support

Turn your pickup or trailer into a spray system using one of Midwest's easy-to-use portable 1500 Spray Systems. The 1500 dispenses Midwest's world-class, environmentally-safe Earth Armour dust control easily and efficiently. Midwest will work with you to create a program designed around your facility's requirements and provide initial Technical and Application Support to get your program up and running!



Managing road dust with Earth Armour can save thousands of dollars annually during the life-cycle of a surface.

Compare Earth Armour to Other Dust Control Methods

Performance Benefits	Earth Armour	Road Water	Asphalt Salts ¹	Petroleum Emulsions	Resins	Lignin
Longer lasting	●			●	●	
Year-round protection	● ²		●			
Passes EPA static sheen test	●	●	●			
Non-petroleum product	●	●	●			●
Colorless	● ²	●	●			
Not water-soluble/cannot be diluted	●					
No poly-nuclear aromatic hydrocarbons (PAH)	●	●				●
Will track				●	●	●
Sprayable gallons required for a 1-mile x 30' wide road	1,800	550,000	8,825	18,480	13,200	5,280
Storm drain risk	Low	Low	High	High	High	High

Conventional dust control methods can create greater problems than the dust itself—lingering environmental and health concerns, for example.

Alternatives like water provide short-term solutions that involve labor-intensive, multiple applications.

¹Road salts are sodium chloride, calcium chloride, potassium chloride, magnesium chloride and ferrocyanide salts.

²Earth Armour passes the EPA static sheen test and is colorless.