



M-10 + 50 MILITARY HI-STRENGTH, ENVIRONMENTALLY SAFE SOIL STABILIZER

After three years of extensive research and development Enviroseal Chemists have developed a new and completely different soil stabilizer This M-10+50 stabilizer / dust control agent is totally environmentally safe, non toxic, non-hazardous, and non-flammable, for the U.S. Department of Defense. In April of this year the final testing was completed and a commercial version has been approved for production. The major advantages over any other stabilizer made today are as follows:

1. M-10 while in its liquid state will withstand at least five (5) freeze thaw tests and still retain all of its chemical properties. As per ASTM D2243-95 Standard Test Method for Freeze-Thaw Resistance of Water-Borne Coatings. *Developed by Subcommittee: D01.42.*
2. M10 + 50 when cured has a temperature tolerance range from -70°f to $+325^{\circ}\text{f}$
3. M-10+50 can attain unconfined compressive strengths approaching low grade concrete of 1750 psi (123.07 kg/p/cm²) in common silty sandy soil as well as low % (<15%) clay based soil. And over 2500 psi when mixed with cement as a combination soil cement application. The M10 as an additive, increases by a factor of about 50% the dynamic sheer factor thus making it ideal for runways and highway construction in base course applications
4. M-10 Works very well in high or low Ph soils
5. M-10 is the only known stabilizer other than cement to actually increase the strength of soils.
6. M-10+50 cures to maximum hardness within 1 to 5 days depending on ambient temperature / humidity index.
7. M-10+50 stabilized base material can be driven on within 2 hours of installation and withstand full wheel loads of aircraft, helicopters or heavy equipment depending on depth. We recommend at least 12 inches (30 cm) for these heavy requirements.
8. Totally repels water after curing process. Resists water during curing without affecting cure.
9. Enviroseal M-10+50 can be used on all soils; some need modification such as addition of aggregate and or fines to optimize the strengthening abilities.
10. M-10+50 has demonstrated shelf life of over 2 years with only agitation prior to use.

11. Enviroseal M-10+50 is easy to install with common road building machinery.
12. Enviroseal Corporation guarantees this product to be the most effective soil stabilizer you have ever used other than cement in certain circumstances, or the product will be replaced or cost refunded for those failed portions.
13. In the first 180 days of mass production over 100,000 gallons have been sold and successfully installed.
14. Enviroseal has currently increased production capacity to supply over 15,000 gallons per week.
15. Enviroseal M-10+50 can be formulated to contain an exclusive UV protectorant. This will increase its unpaved life by one to two years and only have a slight price increase. ***This formulation should be used in High UV Areas***
16. M10+50 can be blended with either **fresh or salt water**. The use of salt water for dilution will reduce the strength by approximately 10%
17. The best method of installation is achieved by the use of a Cat, Bomag or equal recycling machine with water injection. Please contact factory for complete details. Other installation methods are completed with a grader with scarifier teeth and a pressurized water truck. Both methods require a 15 to 25 ton vibratory compactor to complete the installation.
18. M10 has been proven to be highly effective as a spray on replacement for pond liners. Cost savings of over 50% can be realized.
19. Because M10 is classified as NON-HAZMAT cargo, it can fly as cargo without any air restrictions or extra costs.
20. M10 can be delivered in the following containers: 1). Poly 55 gallon drums, 2). 275 gallon totes equipped with either a 2" Viton BV QD or a Viton BV NPT valve and a 6" fill port (full brochure available on request), 3). 5,000 gallon Tanker or 4). A flexi tank packed inside a 20' container with cargo capacities up to 7,000 gallons.
21. All pricing is quoted factory direct FOB Factory.

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