

## **ENVIROSEAL CORPORATION M10+50 FIVE YEAR WARRANTY**

**Warranty:** Enviroseal warrants our M10+50 soil stabilizer for a period of (5) five years free from manufacturing defects and conforms to published specifications in force on the date of acceptance of an order by a customer. Enviroseal Corporation shall only be held liable under this warranty if the material has been stored and applied in accordance with the following conditions as well as annual maintenance listed below. **It is the understanding that the customer has performed testing with a soil stabilization laboratory with test results including compression tests if applicable, for customer approval in their application. A copy these test results to be submitted to Enviroseal as well. Customer may as an option, supply Enviroseal a soil sample (10 lbs min.) for testing with the recommended application rates by Enviroseal. If customer would like Enviroseal to submit stabilized samples to an independent Laboratory, customer will be responsible for all charges.** Enviroseal will warrant products to be of good quality and those properly prepared and structurally sound substrates including, but not limited to, concrete, stone, soil, blended aggregate treated any Enviroseal product will be done in accordance with the manufactures directions by an approved applicator by Enviroseal or an Enviroseal technician on-site during installation of the product. If after the specific treating period the surface does not remain protected, Enviroseal will only supply at its own expense sufficient product to retreat the defective surface. This warranty does not apply if the product is improperly applied or if structural faults occur due to poor workmanship, improper design, natural disasters, annual maintenance, or failure of other materials used in the project. Enviroseal products must be used before the end of the 6 month shelf life from date of purchase. Satisfactory results depend not only upon quality products but also upon many factors beyond our control. If Enviroseal Corporation, in its sole discretion, determines that the product breached the above warranty, it will in its sole discretion replace the non-conforming product. The dollar value of Enviroseal liability and the buyer's remedy under this limited warranty shall not exceed the purchase price of the material in question. This is the only warranty extended by Enviroseal. There are no other warranties including implied warranties of merchantability and/or fitness for a particular use and/or purpose. Enviroseal specifically disclaims liability for any incidental, consequential or other damages including but not limited to, loss of profits or damages to a structure, surface, or its contents. Enviroseal products are not intended for public use and are intended for use by licensed contractors and installers, experienced and trained in the use of these type products. Product is warranted to be of uniform quality within manufacturing tolerances. Enviroseal has no control over the use of this Product upon receipt of customer. Customer agrees to assume full responsibility for each application and Enviroseal assumes no liability for final results except as noted above.

**Terms & Conditions for M10+50** Customer must provide proof of initial installation date, approved installer information along with annual maintenance records including, but not limited to the square footage coverage, amount of M10+50 applied and dates of application for maintenance. The customer must have the initial installation in accordance with the parameters listed below:

**Stone Mix Material -Crushed Stone Screenings:** Crushed trap rock or equal, made of hard, durable, sharp edged rock fragments, free from dirt, organic, or other deleterious matter. Percentages are measured by weight of dry aggregate. The material should conform to the following SAE requirements:

Sieve Size	Percent Passing
1/2 Inch (12.5 mm)	90-100
3/8 Inch (9.5 mm)	75-90
¼ Inch (6.3 mm)	60-75
No. 4 (4.75 mm)	40-60
No. 30 (600 Um)	20-40
No. 100 (150 Um)	20-40
No. 200 (75 Um)	10-20

**The content and uniformity of the stone mix is an Important factor to ensure overall quality and end results**

**Placement of Stone Mix:** Six inches of un-compacted stone mix is placed in construction area. Wood or steel edging should be used for definition of the pathway. The un-compacted stone mix should be graded and sloped to allow for drainage.

**Determination of M-10+50 quantity to use:** The minimum amount of M-10+50™ to be used is six (6) gallons per cubic yard of stone mix. Admix rates will directly affect the outcome of the treated area and should be considered in the design with regards to the end use. All stone mix materials must be tested at various dosage rates to determine proper application rates that are based on the stone mix being used. Aggregate porosity and amount of cohesive material within the stone mix are important considerations when determining amount of M-10+50 to be used. Suggested dosage rates vary from six to ten gallons per cubic yard.

**Calculation of water:** The amount of water addition to use with the M-10+50 is the difference between in-situ moisture content of the stone mix and optimum moisture content required for compaction as evidenced by the dry density weight of the stone mix. M-10+50 has lubricity factors that allow for sufficient compaction with less effort and this fact needs to be taken into consideration prior to making final determination of water admixing.

**Mixing M-10+50/Water with Stone Mix:** Four inches of stone mix is blended with M-10+50 pre-blended with water allowing two inches of stone mix on the bottom for adequate vapor transmission and to reduce the possibility of picking up native material that would cause marbling and discoloration of the finished surface. Blending the M-10+50 and water mixture is best completed using a soil mixer or tiller to thoroughly blend the stone mix with the M-10+50 and water mix. The mixing process must ensure that a homogeneous blend is achieved and complete distribution of the M-10+50/water mix is evenly distributed throughout entire treated area. Failure to thoroughly mix will result in poor performance.

**Compaction of Surface:** Use of a 3-5 ton double drum vibratory compactor or roller sufficient in size to effectively compact to the depth of treated surface. The first two passes of treated area are made using static rolling only for obtaining profile of surface. Vibratory compaction is made on one or two passes only. Static roll until desired appearance is achieved. Over-compaction will damage the polymers within the prepared surface and decrease longevity and effectiveness. The use of a plate compactor will void any warranty.

**Top Coat Sealing:** After a minimum of one hour has lapsed, a topical application is required. The topical application should be a mixture of M-10+50 blended with water at a rate of one part M-10+50 to one to two parts water. This water mix is determined by the porosity of the finished surface by checking surface adsorption rate. The amount of M-10+50 concentrate to be applied is one quart per square yard. Apply top coat uniformly until pathway is complete saturated.

**Golf Cart Paths - Wearing Surface:** A wearing surface should be used over the entire surface area. A minimum 1/4" layer of sand or other select material will protect the surface from premature degradation by Traffic forces, weather conditions, and Ultra Violet exposure. This wearing surface should be maintained as needed.

**Annual Maintenance:** Topical application of M10+50 blended with water at a rate of one part M10+50 to one or two parts water. This is depending on the porosity of the finished surface and checking for absorption rates. Apply one-quart per square yard annually.

**Warranty:** The warranty period will begin from the date of shipment of M10+50 from the factory. A copy of customer invoice, application rate, approved installer's name, address in additional soil analysis and Lab test reports and/or soil tested by Enviroseal must be on file at Corporate Headquarters within 45 days from product shipped. All claims must include annual maintenance records, product proof of purchase and amount of installed in addition to the above requirements.

**Note: Do not prepare or Install material during, prior to, or immediately following rainfall or when temperature is 45 degrees F and falling within a 24 hour period**

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