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Distributors Worldwide

SIC CODES: 3089 & 5169

## Enviroseal Trail and Path Specifications

The content and uniformity of the stone mix is an important factor to ensure overall quality and end results. Placement of 4" to 6" of compacted base material to make a sound foundation for the path is recommended for all projects.

### **STONE MIX MATERIAL/CRUSHED STONE SCREENINGS**

Enviroseal recommends the use of ½ minus recycled concrete, crushed trap rock or equal that is made of hard, durable, sharp edged rock fragments that are free from dirt, organic, or other deleterious matter. Percentages are measured by weight of dry aggregate. Send a minimum (25) five pound sample of screening aggregate to our lab to determine the best mix ratios. 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
1/4 Inch (6.3 mm)	60-75
No. 30 (600 Um)	60-40
No. 100 (150 Um)	20-40
No. 200 (75 Um)	10-14

**Screening Placement:** Four to six inches of un-compacted stone mix as described above is placed in construction area. Wood or steel edging can be used for definition of the pathway

### **Mixing Enviroseal M10+50**

- **Dosage Rate:** Concentrated M10+50 is calculated at ten (10) gallons per cubic yard.
- **Calculation of water:** The 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 or as directed by an onsite technician.
- **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. 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.
- **Compaction of Surface:** Use of a 3 to 5 ton double drum vibratory roller sufficient in size to effectively compact the depth of treated surface.
- **Top Coat Sealing:** After approximately one day has lapsed, a topical application is required. Apply topcoat uniformly until pathway is complete saturated. Additional top coat applications may be necessary. Test small amounts of water/M10+50 mix ratios on a small section of treated path by checking adsorption. The mixture should disappear quickly. Mix predetermined amount of M10+50 and water and evenly spray on the surface ensuring no puddling occurs. Allow to adsorb completely and repeat application.
- **Approvals:** M-10+50 is approved for making ADA trails by The National Center of Accessibility (NCA)

**Environmentally Safe products for Today's Construction Projects**



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## Installation Tips

- Do not prepare or Install material during, prior to, or immediately following rainfall or when temp is 50° F and falling within a 24-hour period.
- The use of diaphragm pumps for spraying M10+50 is suggested. Gear driven or trash pumps will malfunction or seize and possibly damage the polymer.
- After mixing the M10+50 and water mixture with the aggregate, ensure there are no deviations that can cause ponding, rake and level the surface prior to compaction.
- Ensure there is sufficient pitch to allow proper drainage on the finished surface.
- The first pass with the roller is static rolling only. Should any areas need to be repaired, it is best to complete repairs and mix the area again prior to compaction. After one pass of static rolling, three passes vibratory is recommended. DO NOT vibratory roll more than four times. Any lines left by the roller should be cleaned up by static rolling only.
- Do not use plate compactors. The vibration can damage the polymers and void any warranty.
- Do not treat more area than can be completed before the mixed aggregate dries. If the surface begins to dry prior to completion, lightly mist the surface with water.
- Call our office to speak with an installation technician if you have any questions. Please visit our website to view installation videos.
- Each project is different and requires careful evaluation of all aspects from the design architect, contractor, civil engineer, and Enviroseal technical department.