



## STABILIZED DG INSTALLATION GUIDELINES

1. Spread and evenly distribute the Stabilized DG in two approximate equal lifts.
2. Thoroughly water each lift of Stabilized DG so that the entire depth of material is moistened. A rule of thumb is 20 gallons per ton of Stabilized DG. Flood the area of placement before spreading any Stabilized DG. Periodically check multiple areas to ensure that moisture is reaching full penetration.
3. **Do not spread an entire placement of two inches or greater and then try to water from the top down. The water will never get all the way through. This is the biggest mistake that can be made.**
4. When installing the final lift allow for 15 – 20 percent shrinkage during compaction.
5. Once the material is graded and **watered** correctly allow the material to sit undisturbed for approximately 4-6 hours or until free water drains or the material does not stick to the roller.
6. Compact with an asphalt roller that weights a minimum of 1 ton. A larger roller of 3-5 tons is preferred. In areas that a roller cannot be used then a vibratory plate can be used.
7. **Trying to compact at the same time of watering is a sign that insufficient amount of water has been applied.**
8. Allow 3-5 days for curing prior to use. This is weather depended and it may take weeks before the entire depth of Stabilized DG is cured.
9. Any required compaction test need to wait until the material is cured. Once cured, providing that the installation was as indicated then the Stabilized DG will meet compaction of 95%.
10. Do not conduct compaction tests on uncured material.

*Gail Materials offers Stabilized DG pre-wetted on projects of 400 tons or greater. Please call for pricing and availability.*

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## TECHNSOIL® TOPCOAT PATHWAY APPLICATION

1. Select proper crushed aggregate of DG. Please refer to the provided specification as a guideline of appropriate material.
2. Prepare sub-base as per engineer's recommendations.
3. Spread and level the DG/crushed aggregate to a minimum compacted depth of three inches.
4. Pre-water surface to raise moisture depth of entire DG/crushed aggregate depth to +/- 8-10 percent moisture content.
5. Apply Technisoil® to the surface at the rate of 20 sq. ft. per gallon. Allow the applied Technisoil® to fully absorb through the material for +/- 30 to 45 minutes.
6. Compact the surface with a minimum five ton double drum roller. Use the vibration mode. For hard to reach areas use a plate compactor or equal. Use as many passes as required to fully compact the area of concern.
7. Wait for approximately 4 hours after compaction and apply a topcoat of Technisoil® at the rate of 30 sq. ft. per gallon. Pending how the material is curing a third application at the rate of one gallon per 45 sq. ft. may be required.
8. Allow 24 – 72 hours curing time before use.
9. Never apply Technisoil® before rain is forecasted.