

Infiltrator Chamber Installation

Very Fine Uniform Sands and Other Unique Conditions

Since 1987 millions of Infiltrator chamber systems have been installed throughout the United States and Canada in a wide range of soil types, climate conditions, and topography with a proven record. Infiltrator does not require the installation of filter fabric on the exterior of the chamber.

There are some approved septic sites where very fine, uniform sand exists. While these sites are rare and isolated, fine sand has the ability to move and migrate. The migration is due to this type of sand's inability to "bridge," and/or poor site drainage control or other circumstances outside the control of Infiltrator. As an additional measure of protection, Infiltrator suggests (non-mandatory) the installation of filter fabric over the chambers when confronted with the specific conditions as follows:

- 1. Chambers installed in uncompacted, very fine, uniform sands.**
- 2. Installations left uncovered and subject to a rain event.**
- 3. Systems not sodded or stabilized in a timely matter after final cover-up has occurred.**
- 4. A drainfield located in a poorly drained area such as: an area subject to inundation by frequent flooding events, surface drainage of rainwater directed over the system, or a drainfield not protected by gutters, curtain drains, or installed in a high water table area.**

Note: For installations in native uncompacted, very fine, uniform sands where the chamber sidewalls will be backfilled with another soil type that is not a very fine, uniform sand, filter fabric is not necessary. An example would be a mound system, where well-graded, imported soil is used for fill material around the chamber sidewalls.

The use of filter fabric when confronted with the specified conditions, will not void the product warranty.

Filter fabric specifications:

- Fabric shall be non-woven: Weight: 0.35 - 1 oz./s.y.
- Apparent opening size (AOS): 20-30 U.S. sieve (ASTM D 4571)

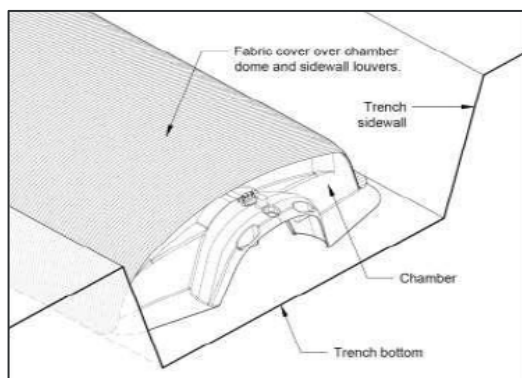


Figure 1: In very fine uniform sands, place fabric completely over the sidewalls of the chamber

Manufacturers included but not limited to: Carriff Corp. Soil Separator, Reemay Spunbond Tileguard, Typar

Please note the following supplemental installation instructions:

1. Refer to manufacturer's chamber installation instructions.
2. After installation of the chamber, place fabric over the chamber so that each sidewall is completely covered (**See Figure 1**).
3. Complete per manufacturer's chamber installation instructions.