

# BENEFITS OF USING THE PLASTIC LEACHFIELD CHAMBERS

---

## WHY CHOOSE PLASTIC LEACHFIELD CHAMBERS?

Chamber systems are easy to install. Engineered for strength and performance, they have greater design flexibility including a smaller footprint as compared with stone and pipe, and are made from recycled materials. These advantages of Infiltrator chambers add up to cost savings on labor, materials and time savings on the job. Look below to see all of the benefits of chamber systems.

### EASE OF INSTALLATION

Chamber System Installation Infiltrator chambers can be delivered to the site in a pickup truck and hand-carried into position. For most jobs, two people can install a system in less than half the time it takes for a comparable stone and pipe leachfield.

### COST SAVINGS

No stone or geotextile is typically required, and chamber installations use less pipe. Installations are faster so you save on heavy equipment operation and eliminate the need for heavy trucks used to transport stone.

### ENGINEERED FOR OPTIMAL PERFORMANCE

- Chemical-resistant and UV-stable
- Powerful arch design supports loads of 16,000 lbs, with 12 inches of compacted cover (equivalent to an AASHTO rating of H-10).
- Chambers can be installed with 6 inches of cover to support axle loads of 4,000 lbs.
- All products carry a limited warranty and are certified to the International Association of Plumbing and Mechanical Officials (IAPMO) structural testing protocol.

### LESS SITE DISRUPTION

Since Infiltrator chambers typically occupy a smaller total area than stone and pipe leachfields, and use less heavy equipment, there is less damage to property and landscaping. Elimination of stone means easier cleanup at the job site.

### SUPERIOR TECHNOLOGY

- A solid top prevents infiltration of rainwater and the intrusion of fines
- Sidewall louvers allow lateral leaching and evapotranspiration
- An inspection port cutout permits monitoring and maintenance
- Patented chamber interlocks with an advanced design connect chambers end-to-end with a precise fit
- Advanced contouring connections allow chambers to avoid obstacles
- Open bottom provides unobstructed soil interface, allowing up to 50% reduction in trench length

# BENEFITS OF USING THE PLASTIC LEACHFIELD CHAMBERS

---

## **LONGEVITY AND RELIABILITY**

Infiltrator chambers demonstrate a higher success rate, which is far better than stone and pipe, giving homeowners and installers extra confidence.

## **RESPONSIVE SERVICE**

Our technical staff and sales representatives maintain a strong presence where it counts, in the field. Our customer support team will answer your product and ordering questions and supply you with marketing materials.

## **PUBLIC HEALTH & SAFETY**

Protecting public health and the environment are the priorities when it comes to onsite wastewater recycling. Dangerous bacteria, microbes and pathogens must be completely removed from wastewater before it re-enters the groundwater. Infiltrator chambers are scientifically designed to provide more efficient wastewater infiltration, while making the most effective use of the soil's inherent treatment capabilities.

Onsite systems provide a reliable means of wastewater treatment at a relatively low cost, while preserving environmental quality. As the population density increases, regulators and public health officials responsible for water quality have emphasized the need for regulations based on sound science and real performance.

Infiltrator chamber systems offer 100% efficiency and the maximum effective infiltrative surface area per linear foot, which is why they can offer greater margins of safety and separation from water sources.

Infiltrator Systems' chambers can be installed in almost any onsite wastewater system application, including:

- Trenches & Beds
- Pressurized Sand Mound Systems
- Pressure Distribution Systems
- Serial Distribution
- Sand Filters
- At-Grade Systems
- Step-Down or Drop-Box Systems
- Graywater Systems

