

Preserving Fresh Water Resources with Invisible Structures

Invisible Structures, Inc. has been preserving fresh water resources since 1982, with innovative products such as:

- Grasspave² - reinforced grass porous pavement surfaces and allow rainfall to enter soils quickly and cleaner than possible with hard surface pavements. This product allows historical water tables to be maintained in volume and quality, while reducing flood (and erosion) potential within watersheds. Other community benefits include cooling, reduced noise and reduced airborne dust.

- Gravelpave² - reinforced and stabilized gravel pavement surfaces, which are also porous, yet allow higher traffic volumes on a daily basis than capable by grass. This product is filled with small stone, and can be used with and without various binders to satisfy specific application criteria. Both of these pavements provide much lower life cycle costs than asphalt paving.

- Slopetame² - an erosion control device for very steep slopes and/or slopes subjected to concentrated water flows, such as swales, ditches, and riverbanks. This product performs by containing the upper surface of soils and protecting against erosion by water, while structurally supplementing the roots of vegetation over very large areas.

- Draincore² - a structural form with very high air voids designed to be placed within and below root zones to intercept excess rainfall or irrigation water. This product can be used to convey water to a storage device for water harvesting or water recycling, or remove excess water rapidly from slow draining soils or surfaces - improving the horticultural performance and growing conditions for plant materials.

- Rainstore³ - a very strong structural storage device for creating subsurface water storage capacity under ground, including below parking surfaces, using inexpensive materials and simple construction. These structures can be used to store short or long term, for rainwater, stormwater, gray water, or even waste water, with recycling or cleanup treatment delayed for optimum efficiency. Scale of these storage devices can range from individual homeowners, to neighborhood, or community wide sizes.

All of these products are made with recycled plastic (>95% recycled content), and are supported with extensive technical details and installation information, along with local representation in many areas of the United States. Invisible Structures, Inc. and our Partners encourage and support efforts by local, state and federal agencies to review and modify existing policies which may restrict or deter new and innovative products designed to enhance and protect our valuable fresh water resources.

Please contact us if you require assistance beyond the resources found on our Web site.